

TEXAS AGRICULTURAL EXPERIMENT STATION

A. B. CONNER, DIRECTOR,
College Station, Texas

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COMMERCIAL FEEDING STUFFS

From September 1, 1941, to August 31, 1942

F. D. FULLER AND F. D. BROOK

Division of Feed Control Service



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This bulletin is the thirty-seventh annual report on the inspection of feeding stuffs sold in Texas under the provisions of the Texas Feed Law. During the year ended August 31, 1942, 3,645 samples were subjected to the regular chemical feed analysis and microscopical examination by the Division of Chemistry, 3,591 of which were secured by inspectors. In addition, twenty-eight samples of fish liver oils and fortified fish liver oils were assayed for vitamins A and D potency, and fifty-seven samples of feed were tested for carotene content. Twenty-six samples of cottonseed cake were examined for hardness. Seven hundred and forty-nine determinations of salt and eight hundred and eighty-two determinations of carbonate of lime in mixed feeds were also made.

In this bulletin is found the analysis of each sample and a detailed report of the results obtained in the inspection of feeding stuffs from September 1, 1941, to August 31, 1942.

Tables are given showing the average composition, digestible protein, and productive energy of many feeding stuffs analyzed. Tables are also given showing the analyses of salt and lime carriers found in the open markets of the State. A table is given showing the average protein content of the cottonseed products made by each oil mill, so that the reader can see which mills maintained the guaranties on the average. Computed from the sale of tax tags, there were 2,268,539 tons of feed sold in the State during the fiscal year covered by this report. This amount represents only the tonnage of feeding stuffs regulated by the Texas Feed Law and does not include whole grains.

Chemical standards for various by-product feeds and special-purpose mixed feeds are shown, and definitions of and standards for chemical unmixed feeds are given, together with additional information on the requirements of the Texas Feed Law and the composition of feeding stuffs.

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Commercial Feeding Stuffs, September 1, 1941, to August 31, 1942*

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Division of Feed Control Service†

This Bulletin is a report on the work performed by the Texas Agricultural Experiment Station in the inspection of feeding stuffs sold in Texas during the year ended August 31, 1942. It includes additional information on the requirements of the Texas Feed Law and the composition of feeding stuffs.

DEFINITIONS OF TERMS

Protein includes all the nitrogenous compounds of a feed, regardless of their nature and is equal to the nitrogen present multiplied by 6.25. The animal uses protein to restore the waste of tissues and muscles, and to form flesh. Protein may also be oxidized in the body to produce heat, or it may serve as a source of fat in case of a deficiency in carbohydrates and fat, accompanied by an excess of protein. It is, however, a costly source of heat and fat.

Protein enters very largely into the composition of the whites of eggs, lean meat, curd of milk, gelatin, etc. It is used for the building and repair of body tissue, for new growth, in the production of milk or eggs and, therefore, is a necessary ingredient for the feeder to purchase. It is an important nutrient in feeding stuffs and usually is the most expensive to purchase. With a given feeding stuff, the more protein it contains the better its quality, compared with other feeding stuffs of the same class. It is incorrect, however, to compare the value of feeding stuffs of different kinds on a protein basis alone. For example, a cottonseed meal containing 45 per cent of crude protein does not have five times the value of corn chop containing 9 per cent of crude protein. There are other constituents of both feeds, such as fats, starches, and sugars, which are of great value to animals. Corn chop contains more carbohydrates than does cottonseed meal.

Fat is composed of substances which are extracted from the dry feeding stuffs by ether, and consists chiefly of fats and oils in the case of most feeding stuffs, but in the case of fodders and hays it is composed to a great extent of waxes, chlorophyll, and other substances in addition to fat. A pound of digestible fat is equal to 2.25 pounds of digestible carbohydrates in producing heat and energy. Fat is used in the animal body as a source of body fat, to furnish heat to keep the body warm, to furnish energy to run the animal mechanism and to produce work. All muscular movements require energy, which is furnished by the oxidation of fats, carbohydrates, or protein.

*Manuscript submitted for publication on September 29, 1942.

†With the collaboration of the other members of the Division Staff. The chemical analyses and microscopical examination of feeding stuffs are made by the Division of Chemistry under the direction of Dr. G. S. Fraps, Chief.

Fiber is found in hays, straw, and similar material. It occurs in the cell walls and in the fibrous or woody parts of plants. It is the least digestible portion of a feed. By means of fermentation in the intestines fiber is digested to some extent by animals that chew the cud. The operation, however, consumes so much energy that a large proportion of the value of the fiber is taken up by the process of digestion. Ordinarily a feeding stuff having a high content of crude fiber is classed as a low-grade feed for the reason that such a feed usually is low in digestible protein and productive energy. Cottonseed hulls, oat hulls, peanut hulls, rice hulls, corn cobs, and materials of a similar nature contain high percentages of crude fiber. If sufficient bulky materials are available, such as hays, fodders, or grass, it is unwise for the feeder to expend money for the purchase of commercial feeding stuff containing large amounts of crude fiber, a constituent that is digested with difficulty.

If the crude fiber in cottonseed meal exceeds certain limits, it indicates that the feed is adulterated with cottonseed hulls. In a similar way, crude fiber in excess of a given standard indicates the presence of corn cobs or corn bran in corn chop, rice hulls in rice bran, etc.

Nitrogen-free Extract includes starches, sugars, gums, and other bodies of a similar nature. These, together with the fat, are oxidized to maintain the animal heat and to furnish energy for the production of work. The nitrogen-free extract of most feeding stuffs of a concentrated nature is composed largely of sugars and starches, which are readily digested.

Moisture is present in all feeding stuffs. The material may seem to be dry, but nevertheless, it contains an appreciable amount of water. An excess of water may cause the feed to heat or spoil, if stored under such conditions that the feed cannot dry out quickly enough.

Ash is the residue from a feeding stuff that has been burned. The ash consists chiefly of lime, magnesia, soda, and potash combined with chlorine and carbonic, sulphuric, or phosphoric acid which is derived from the soil. Constituents of ash are necessary to the animals inasmuch as they are used for the formation of bone, for constituents of the blood, and for other purposes. If the various necessary constituents of the ash are not present in sufficient quantity, the animal may not grow or produce as well as it should, or it may suffer from various diseases. Sometimes it is necessary to supplement the ash naturally present in feeds with additional amounts. Calcium and phosphorus are the constituents most often deficient. An excessive amount of ash in a feed may indicate adulteration with dirt, sand, or other mineral matter.

AVERAGE COMPOSITION OF FEEDING STUFFS ANALYZED

Table 1 shows the average composition of many feeding stuffs analyzed during the past year. The analyses of mixed and of proprietary feeds are not included in this table.

Table 1. Average Composition of Feeding Stuffs Analyzed During the Year 1941-1942

No. of Samples	Name of Feed	Crude Protein, Per Cent	Crude Fat, Per Cent	Crude Fiber, Per Cent	Nitrogen-free Extract, Per Cent	Moisture, Per Cent	Crude Ash, Per Cent
22	Alfalfa Leaf Meal	20.66	3.03	18.11	36.77	7.91	13.52
16	Alfalfa Meal	14.82	1.88	30.75	35.81	8.01	8.73
2	Alfalfa Stem Meal	12.19	1.32	38.19	32.02	8.94	7.34
15	Whole Barley (Chopped, Ground, Rolled, Crimped)	13.48	1.85	5.75	65.28	10.47	3.17
6	Brewers' Dried Grains	23.54	6.76	17.03	40.61	8.21	3.85
6	Dried Buttermilk	33.32	6.95	0.22	37.99	9.02	12.50
6	Dried Citrus Pulp	5.41	1.81	10.33	66.88	8.41	7.16
2	20% Protein Coconut Oil Meal	20.99	10.89	11.61	44.06	6.00	6.45
5	Corn Bran	10.94	7.77	7.20	61.96	9.59	2.54
13	Corn Chop	9.59	4.07	2.08	71.15	11.71	1.40
4	Corn Feed Meal	9.58	4.12	1.65	71.57	11.50	1.58
8	Corn Gluten Feed	25.91	2.66	7.14	47.48	10.02	6.79
2	41% Protein Corn Gluten Meal	44.86	1.02	2.50	40.69	9.21	1.72
3	Corn Meal	9.54	4.31	2.90	70.00	11.74	1.51
36	Ear Corn Chop with Husk	7.98	3.24	10.28	65.24	11.13	2.13
1	Corn Oil Meal	24.76	6.05	10.40	46.06	7.77	4.96
179	43% Protein Cottonseed Cake, Cubes, and Pellets	42.94	6.12	10.74	26.81	7.44	5.95
2	41.12% Protein Cracked Cottonseed Feed	40.19	5.87	10.60	27.66	8.85	6.83
33	41.12% Protein Ground Cottonseed Feed	40.88	6.04	10.58	28.12	7.85	6.53
4	41% Protein Cottonseed Cake, Cubes, and Pellets	41.66	5.80	10.13	28.23	7.53	6.65
1	38.56% Protein Ground Cottonseed Feed	33.68	5.69	16.12	30.82	8.20	5.49
571	43% Protein Cottonseed Meal	42.64	6.36	10.35	27.06	7.44	6.15
18	41% Protein Cottonseed Meal	40.27	5.93	11.25	27.80	8.23	6.52
1	32% Protein Cottonseed Meal Screen- ings	30.35	4.24	19.23	32.27	9.27	4.64
32	28% Protein Whole-Pressed Cotton- seed	27.61	5.54	23.37	31.50	7.18	4.80
16	28% Protein Ground Whole-Pressed Cottonseed	27.73	5.73	22.27	32.46	7.06	4.75
2	27% Protein Whole-Pressed Cotton- seed	26.69	6.84	24.91	29.94	7.42	4.20
1	26% Protein Whole-Pressed Cotton- seed	26.25	7.32	24.43	29.47	7.88	4.65
3	25% Protein Whole-Pressed Cotton- seed	26.09	5.92	27.28	30.28	5.74	4.69
2	68% Protein Fish Meal	69.51	2.81	0.28	5.15	8.09	14.16
2	Hegari Meal	11.01	2.59	2.28	71.44	11.11	1.57
7	Hominy Feed	10.85	6.89	6.13	63.59	10.12	2.42
1	Hominy Feed, Sub-Standard	10.32	7.97	9.32	60.29	9.17	2.93
3	Kafir Chop	10.81	2.78	1.96	71.07	11.39	1.99
1	Kafir Head Chop	9.36	2.12	5.75	68.35	9.37	5.05
1	Ground Dried Kelp	4.68	0.80	6.12	48.73	6.70	32.97
4	37% Protein Linseed Meal	36.84	10.39	7.31	31.54	8.06	5.86
1	36% Protein Linseed Meal	37.10	5.85	8.12	36.04	7.81	5.08
6	34% Protein Linseed Meal	35.01	6.53	8.84	34.76	9.55	5.31
1	32% Protein Linseed Meal	32.24	6.12	8.07	37.80	10.27	6.00
2	30% Protein Linseed Meal	33.39	6.15	9.81	37.59	7.39	5.67
8	50% Protein Meat and Bone Meal	48.21	11.25	2.16	1.88	7.01	29.49
1	43% Protein Meat and Bone Meal	46.00	13.98	1.65	1.14	7.52	29.71
1	55% Protein Meat and Bone Scraps	57.44	8.73	3.55	4.75	4.98	20.55
3	55% Protein Improved Meat and Bone Scraps	53.66	5.93	1.69	1.41	6.06	31.25
65	50% Protein Meat and Bone Scraps	50.79	9.34	2.08	1.96	6.28	29.55
1	47% Protein Meat and Bone Scraps	42.89	14.25	1.80	3.52	6.90	30.64
7	Milo Chop	10.67	2.69	2.63	69.20	12.40	2.41
6	Milo Head Chop	9.91	2.39	6.85	66.79	10.07	3.99

Table 1. Average Composition of Feeding Stuffs Analyzed During the Year 1941-1942—Continued

No. of Samples	Name of Feed	Crude Protein, Per Cent	Crude Fat, Per Cent	Crude Fiber, Per Cent	Nitrogen-free Extract, Per Cent	Moisture, Per Cent	Crude Ash, Per Cent
3	Oat Groats (Ground, Rolled).....	16.17	8.28	2.65	61.78	8.76	2.36
1	Feeding Oat Meal	15.93	6.06	4.69	61.68	8.56	3.08
2	Feeding Rolled Oats.....	15.32	5.63	2.32	64.57	10.18	1.98
41	Whole Oats (Chopped, Crimped, Ground, Rolled).....	11.46	4.70	11.47	57.85	10.20	4.32
1	36% Protein Ground Peanut Feed.....	36.68	8.57	19.52	22.81	7.00	5.42
3	Ground Peanut Hay.....	8.67	4.33	32.29	32.86	10.61	11.24
2	43% Protein Peanut Cake, Cubes, and Pellets.....	42.97	6.87	14.55	23.85	6.35	5.41
1	45% Protein Peanut Meal.....	44.69	7.97	13.91	21.93	7.05	4.45
30	43% Protein Peanut Meal.....	42.83	7.54	15.60	21.26	7.79	4.98
1	Ground Peanut Screenings.....	18.50	15.14	18.63	31.93	10.14	6.26
2	36% Protein Whole-Pressed Peanuts.....	38.01	8.46	20.45	21.20	6.37	5.51
2	36% Protein Ground Whole-Pressed Peanuts.....	38.25	8.48	23.57	19.06	6.55	4.09
2	34% Protein Ground Whole-Pressed Peanuts.....	35.85	7.61	27.03	19.98	5.71	3.82
1	25% Protein Whole-Pressed Peanut Screenings.....	30.45	12.07	25.44	19.71	5.94	6.39
23	Rice Bran.....	12.74	12.31	11.00	40.48	9.71	13.76
12	Rice Polishings.....	12.53	12.22	2.55	51.53	10.52	10.65
9	68% Protein Sardine Meal.....	69.29	4.34	0.36	4.72	7.23	14.06
3	65% Protein Sardine Meal.....	65.00	5.03	0.63	4.39	7.47	17.48
1	48% Protein Sesame Oil Meal.....	49.29	4.09	5.69	22.76	6.12	12.05
1	50% Protein Shrimp Meal.....	50.95	3.86	13.44	0.11	6.75	24.89
1	45% Protein Soybean Oil Meal.....	44.43	8.90	6.32	30.53	3.98	5.84
6	44% Protein Soybean Oil Meal.....	45.78	0.97	6.09	31.00	10.30	5.86
3	43% Protein Soybean Oil Meal.....	45.22	4.56	5.78	30.64	7.41	6.39
8	41% Protein Soybean Oil Meal.....	43.90	4.09	6.66	29.01	10.40	5.94
1	65% Protein Digester Tankage.....	66.94	8.36	0.85	1.94	6.68	15.23
8	60% Protein Digester Tankage.....	59.80	8.24	1.68	3.10	10.08	17.10
5	50% Protein Digester Tankage with Bone.....	52.47	11.39	2.62	3.52	6.03	23.97
3	50% Protein Feeding Tankage with Bone.....	49.42	10.34	1.73	2.17	6.61	29.73
2	40% Protein Feeding Tankage with Bone.....	40.51	13.73	2.78	2.64	5.87	34.47
2	Wheat Bran.....	17.10	4.26	10.70	51.57	9.30	7.07
1	Wheat Bran and Scourings.....	16.60	3.89	8.48	53.73	11.20	6.10
18	Wheat Bran and Screenings.....	16.74	4.22	9.41	53.75	9.99	5.89
3	Wheat Brown Shorts.....	18.11	4.70	7.51	53.59	10.86	5.23
4	Wheat Brown Shorts and Screenings.....	18.02	4.54	7.59	52.78	12.26	4.81
1	Ground Wheat, Sub-Standard.....	13.95	1.74	2.65	68.84	11.02	1.80
42	Wheat Gray Shorts.....	17.70	4.41	5.97	56.36	11.33	4.23
176	Wheat Gray Shorts and Screenings.....	17.58	4.08	6.09	56.35	11.52	4.38
1	Wheat Mixed Feed and Scourings.....	18.72	3.70	6.90	53.99	11.58	5.11
2	Wheat Mixed Feed and Screenings.....	16.71	3.84	7.17	56.43	11.06	4.79
1	Wheat White Shorts.....	14.85	1.86	2.51	67.58	11.11	2.09
5	Dried Whey.....	12.22	0.84	0.15	71.18	6.95	8.66

DIGESTIBLE PROTEIN AND PRODUCTIVE ENERGY OF FEEDS

The digestible protein represents that portion of the feed which can be used for the repair or formation of flesh or nitrogenous body constituents or for the formation of nitrogenous materials in milk or eggs. The productive energy represents that portion of the feed which is available for the purpose of furnishing heat to the animal or energy for life processes

and work; it also furnishes material for the production of the constituents of milk, eggs, or fat. The productive energy represents the net value of the feed for energy after all losses involved in digestion and assimilation have been allowed for. The digestible protein and productive energy, therefore, are the two best indicators of the productive value of a feed.

The digestible protein and productive energy of feeds of the average composition shown in Table 1 are given in Table 2. The method of obtaining these figures is described fully in Bulletins Nos. 329, 372, 402, 436, and 461 of this Station.

Table 2. Digestible Protein and Productive Energy of Feeds Calculated from Average Analyses Shown in Table 1*

Name of Feed	Number Averaged	Digestible Protein Per Cent	Productive Energy, Therms in 100 lbs.
Alfalfa Leaf Meal	22	15.35	46.59
Alfalfa Meal	16	11.10	41.07
Alfalfa Stem Meal	2	8.45	33.10
Whole Barley (Chopped, Ground, Rolled, Crimped)	15	10.78	73.11
Brewers' Dried Grains	6	19.02	51.63
Dried Buttermilk	6	31.35	87.55
Dried Citrus Pulp	6	4.25	77.57
20% Protein Coconut Oil Meal	2	18.35	91.40
Corn Bran	5	5.83	60.31
Corn Chop	13	6.15	85.84
Corn Feed Meal	4	6.14	86.37
Corn Gluten Feed	8	22.67	67.77
41% Protein Corn Gluten Meal	2	39.25	75.47
Corn Meal	3	6.12	85.22
Ear Corn Chop with Husk	36	4.76	71.23
Corn Oil Meal	1	15.87	75.46
43% Protein Cottonseed Cake, Cubes, and Pellets	179	36.24	70.59
41.12% Protein Cracked Cottonseed Feed	2	33.92	68.20
41.12% Protein Ground Cottonseed Feed	33	34.50	69.53
41% Protein Cottonseed Cake, Cubes, and Pellets	4	35.16	69.67
38.56% Protein Ground Cottonseed Feed	1	28.49	47.58
43% Protein Cottonseed Meal	571	35.99	71.11
41% Protein Cottonseed Meal	18	33.99	68.51
32% Protein Cottonseed Meal Screenings	1	25.37	51.77
28% Protein Whole-Pressed Cottonseed	32	22.12	55.38
28% Protein Ground Whole-Pressed Cottonseed	16	22.21	56.76
27% Protein Whole-Pressed Cottonseed	2	21.38	56.61
26% Protein Whole-Pressed Cottonseed	1	21.03	57.19
25% Protein Whole-Pressed Cottonseed	3	20.90	53.74
68% Protein Fish Meal	2	52.20	60.31
Hegari Meal	2	8.47	84.98
Hominy Feed	7	7.40	84.85
Hominy Feed, Sub-Standard	1	7.04	83.39
Kafir Chop	3	8.31	85.23
Kafir Head Chop	1	6.47	74.82
Ground Dried Kelp	1	2.34	29.78
37% Protein Linseed Meal	4	30.91	84.04
36% Protein Linseed Meal	1	31.13	77.41
34% Protein Linseed Meal	6	29.37	76.14
32% Protein Linseed Meal	1	27.05	75.02
30% Protein Linseed Meal	2	28.01	76.37
50% Protein Meat and Bone Meal	8	47.63	77.49
48% Protein Meat and Bone Meal	1	45.45	82.33
55% Protein Meat and Bone Scraps	1	56.75	80.25
55% Protein Improved Meat and Bone Scraps	3	53.02	69.20
50% Protein Meat and Bone Scraps	65	50.18	75.14

*Calculated by the Division of Chemistry under the direction of Dr. G. S. Fraps, Chief.

Table 2. Digestible Protein and Productive Energy of Feeds Calculated from Average Analyses Shown in Table 1*—Continued

Name of Feed	Number Averaged	Digestible Protein Per Cent	Productive Energy, Therms in 100 lbs.
47% Protein Meat and Bone Scraps	1	42.38	79.91
Milo Chop	7	7.76	84.68
Milo Head Chop	6	7.49	76.80
Oat Groats (Ground, Rolled)	3	14.59	101.65
Feeding Oat Meal	1	14.37	96.94
Feeding Rolled Oats	2	13.82	97.07
Whole Oats (Chopped, Crimped, Ground, Rolled)	41	9.05	70.63
36% Protein Ground Peanut Feed	1	29.64	49.05
Ground Peanut Hay	3	5.60	35.61
43% Protein Peanut Cake, Cubes, and Pellets	2	38.16	78.22
45% Protein Peanut Meal	1	39.68	80.70
43% Protein Peanut Meal	30	38.03	77.51
Ground Peanut Screenings	1	14.95	51.37
36% Protein Whole-Pressed Peanuts	2	30.71	49.43
36% Protein Ground Whole-Pressed Peanuts	2	30.91	48.60
34% Protein Ground Whole-Pressed Peanuts	2	28.97	43.80
25% Protein Whole-Pressed Peanut Screenings	1	24.60	50.49
Rice Bran	23	8.83	65.13
Rice Polishings	12	8.88	87.50
68% Protein Sardine Meal	9	52.04	64.09
65% Protein Sardine Meal	3	48.82	62.61
48% Protein Sesame Oil Meal	1	45.35	59.20
50% Protein Shrimp Meal	1	42.29	53.45
45% Protein Soybean Oil Meal	1	37.05	86.66
44% Protein Soybean Oil Meal	6	38.18	71.37
43% Protein Soybean Oil Meal	3	37.71	78.15
41% Protein Soybean Oil Meal	8	36.61	74.57
65% Protein Digester Tankage	1	46.52	68.41
60% Protein Digester Tankage	8	41.56	64.05
50% Protein Digester Tankage with Bone	5	36.47	66.58
50% Protein Feeding Tankage with Bone	3	34.35	60.87
40% Protein Feeding Tankage with Bone	2	28.15	62.90
Wheat Bran	2	13.41	55.60
Wheat Bran and Scourings	1	13.01	55.57
Wheat Bran and Screenings	18	13.12	56.39
Wheat Brown Shorts	3	14.87	62.73
Wheat Brown Shorts and Screenings	4	14.79	61.82
Ground Wheat, Sub-Standard	1	11.43	82.72
Wheat Gray Shorts	42	14.90	75.14
Wheat Gray Shorts and Screenings	176	14.80	74.45
Wheat Mixed Feed and Scourings	1	14.98	59.60
Wheat Mixed Feed and Screenings	2	13.37	60.26
Wheat White Shorts	1	11.75	82.41
Dried Whey	5	11.50	84.93

*Calculated by the Division of Chemistry under the direction of Dr. G. S. Fraps, Chief.

ESTIMATED TONNAGE OF FEEDING STUFFS SOLD IN TEXAS, 1906-1942

Table 3 shows the estimated tonnage of feed sold in Texas yearly during the past thirty-six years as computed from the sale of tax tags, assuming that all the tags sold during the period covered by this report are used for feeds sold during that period. It is impossible to give complete data on the number of tons of the various classes of feeds sold for consumption in Texas, owing to the fact that some manufacturers purchase blank tax tags and print on the tags, at their places of business, the information

required by the Texas Feed Law. In connection with this table, attention should be called to the fact that the figures given represent only the tonnage of commercial feeding stuffs regulated by the Texas Feed Law and do not include whole grains.

Table 3. Estimated Tonnage of Feeding Stuffs Sold in Texas, 1906-1942

Years	Tons
1906-1907	485,805
1907-1908	511,661
1908-1909	532,792
1909-1910	755,488
1910-1911	820,277
1911-1912	972,340
1912-1913	680,259
1913-1914	847,716
1914-1915	881,136
1915-1916	778,137
1916-1917	974,608
1917-1918	1,155,055
1918-1919	945,864
1919-1920	754,349
1920-1921	762,769
1921-1922	735,319
1922-1923	932,473
1923-1924	1,009,047
1924-1925	1,015,742
1925-1926	1,119,561
1926-1927	1,181,538
1927-1928	1,226,882
1928-1929	1,370,120
1929-1930	1,434,966
1930-1931	1,112,302
1931-1932	1,093,307
1932-1933	1,057,533
1933-1934	1,235,172
1934-1935	1,298,743
1935-1936	1,210,790
1936-1937	1,443,552
1937-1938	1,542,833
1938-1939	1,697,189
1939-1940	1,705,552
1940-1941	1,814,092
1941-1942	2,268,539

ASSAYS OF FISH LIVER OILS AND FORTIFIED FISH LIVER OILS

Labels attached to containers of fish liver oils and fortified fish liver oils sold in Texas give the following information:

Statement of net weight or quantity.

Name of product.

Vitamin D potency: Guaranteed not less than (?) A.O.A.C.
chick units of vitamin D per gram.

Vitamin A potency: Guaranteed not less than (?) U.S.P.
units of vitamin A per gram.

Name and address of manufacturer or importer.

During the past year twenty-eight samples of these fish liver oils have been examined and Tables 4 and 5 show the results obtained in the biological assays of these samples, as made by the Division of Chemistry under the direction of Dr. G. S. Fraps, Chief. All products found below manufacturers' guaranties by initial tests were re-assayed at later dates.

Table 4. Assays of Fish Liver Oils and Fortified Fish Liver Oils for Vitamin D

Name and Address of Manufacturer or Importer. Brand Name.	Minimum Guaranty A. O. A. C. Chick Units of Vitamin D per Gram	Did Sample Conform to Guaranty?	Registration or Inspection Number
Booth Company, Inc., F. E., San Francisco, California.			
High-Potency Sardilene-400	400	Yes	174S
High-Potency Sardilene-400	400	Yes	225S
Marden-Wild Corporation, Somerville, Massachusetts.			
Marden's Vitamin A and D Feeding Oil.....	400	Yes	187H
Marden's Vitamin A and D Feeding Oil.....	400	Yes	189W
Naptole, Inc., Boonton, New Jersey.			
Vitand Brand Fortified Cod Liver Oil.....	400	Yes	85P
Vitand Brand Fortified Cod Liver Oil.....	400	No	205T
National Oil Products Company, Inc., Harrison, New Jersey.			
Nopco-XX Brand Cod Liver Oil.....	400	Yes	180H
Nopco-XX Brand Cod Liver Oil.....	400	Yes	224M
Nopco-XX Brand Cod Liver Oil.....	400	Yes	184W
Nopco 400 Vitamin A and D Feeding Oil.....	400	No	179H
Nopco 400 Vitamin A and D Feeding Oil.....	400	Yes	216T
Nopco-X Brand Vitamin A and D Feed- ing Oil	400	Yes	207M
Nopco-XX Brand Vitamin A and D Feed- ing Oil	400	Yes	156S
Silmo Chemical Corporation, Vineland, New Jersey.			
Silmo Vitamin A and D Feeding Oil.....	400	Yes	179B
Thompson-Hayward Chemical Company, Kansas City, Missouri.			
Super FeeDoil Brand 400 D Feeding Oil.....	400	No	184H
Super FeeDoil Brand 400 D Feeding Oil.....	400	Yes	226M
Super FeeDoil Brand 400 D Feeding Oil.....	400	Yes	208T
Super FeeDoil Brand 400 D Feeding Oil.....	400	Yes	230T
Super FeeDoil Brand 400 D Feeding Oil.....	400	Yes	183W
Super FeeDoil Brand 400 D Feeding Oil.....	400	Yes	192W
Regular FeeDoil Brand 85 D Feeding Oil.....	85	Yes	185H
Regular FeeDoil Brand 85 D Feeding Oil.....	85	Yes	219S
Super A FeeDoil Brand 400 D 3000 A Feeding Oil	400	Yes	116P
Van Camp Laboratories, Division of Van Camp Sea Food Company, Inc., Terminal Island, California.			
Sea Pep Brand Fortified Sardine Oil.....	400	Yes	223M
Sea Pep Brand Fortified Sardine Oil.....	400	Yes	86P
Sea Pep Brand Fortified Sardine Oil.....	400	Yes	186W
White Laboratories, Inc., Newark, New Jersey.			
Clo-Trate Brand Fortified Cod Liver Oil.....	400	Yes	222M
Clo-Trate Brand Fortified Cod Liver Oil.....	400	Yes	217T

Table 5. Assays of Fish Liver Oils and Fortified Fish Liver Oils for Vitamin A

Name and Address of Manufacturer or Importer. Brand Name.	Minimum Guaranty U. S. P. Units of Vitamin A per Gram	Did Sample Conform to Guaranty?	Registration or Inspection Number
Booth Company, Inc., F. E., San Francisco, California.			
High-Potency Sardilene-400	3000	No	174S
High-Potency Sardilene-400	3000	Yes	225S
Marden-Wild Corporation, Somerville, Massachusetts.			
Marden's Vitamin A and D Feeding Oil.....	3000	Yes	187H
Marden's Vitamin A and D Feeding Oil.....	3000	Yes	189W
Naphthole, Inc., Boonton, New Jersey.			
Vitand Brand Fortified Cod Liver Oil.....	3000	No	85P
Vitand Brand Fortified Cod Liver Oil.....	3000	No	205T
National Oil Products Company, Inc., Harrison, New Jersey.			
Nopco-XX Brand Cod Liver Oil.....	3000	No	180H
Nopco-XX Brand Cod Liver Oil.....	3000	No	224M
Nopco-XX Brand Cod Liver Oil.....	3000	No	184W
Nopco 400 Vitamin A and D Feeding Oil.....	2000	Yes	179H
Nopco 400 Vitamin A and D Feeding Oil.....	2000	No	216T
Nopco-X Brand Vitamin A and D Feed- ing Oil.....	1000	Yes	207M
Nopco-XX Brand Vitamin A and D Feed- ing Oil.....	3000	Yes	156S
Silmo Chemical Corporation, Vineland, New Jersey.			
Silmo Vitamin A and D Feeding Oil.....	1000	Yes	179B
Thompson-Hayward Chemical Company, Kansas City, Missouri.			
Super A FeedOil Brand 400 D 3000 A Feeding Oil	3000	No	116P
Van Camp Laboratories, Division of Van Camp Sea Food Company, Inc., Terminal Island, California.			
Sea Pep Brand Fortified Sardine Oil.....	3000	Yes	223M
Sea Pep Brand Fortified Sardine Oil.....	3000	Passed	86P
Sea Pep Brand Fortified Sardine Oil.....	3000	Yes	186W
White Laboratories, Inc., Newark, New Jersey.			
Clo-Trate Brand Fortified Cod Liver Oil.....	3000	No	222M
Clo-Trate Brand Fortified Cod Liver Oil.....	3000	No	217T

CAROTENE IN FEEDS

Vitamin A potency in feeds may be supplied by vitamin A as such, which occurs as a colorless compound in fish oils, by carotene, which occurs as a yellow compound in alfalfa products and other green feeds, or by cryptoxanthin and carotene, which occur in yellow corn. The most important sources of vitamin A potency are carotene in green colored feeds and cryptoxanthin and carotene in yellow corn. To the feeder of livestock, a vitamin A deficiency means less gain in weight per pound of feed, more sick animals, greater mortality, and a lower grade of finished

stock. This results, of course, in a lower profit, or even a loss. Dairy cattle, sheep, and beef cattle secure most of their needed carotene from green plants or roughages, but poultry and hogs, which do not have access to green feed, are dependent on the feed furnished them. It is important, therefore, to know what commercial feeds are high in carotene and what feeds are deficient.

During the past year an investigation of the carotene content of a few feeds on the Texas market has been made under the direction of Dr. G. S. Fraps, Chief, Division of Chemistry, and the results are shown in Table 6. Wide differences are seen in the carotene content of the feed studied.

Table 6. Carotene in Feeds

Name and Address of Manufacturer or Importer. Brand Name.	Parts Pure Carotene per Million	Registration or Inspection Number
Arizona Flour Mills Company, Phoenix, Arizona.		
Dehydrated Alfalfa Meal	103.0	99S
Dehydrated Alfalfa Meal	86.1	640S
Austin Mill & Grain Company, Brownwood, Texas.		
Corn Chop	3.8	115S
Burrus Feed Mills, Dallas, Texas, and Branches.		
Corn Chop	4.8	86H
Caney Valley Cooperative Drying Association, Wharton, Texas.		
Dehydrated Alfalfa Leaf Meal	99.7	526M
Cerophyl Laboratories, Inc., Kansas City, Missouri.		
Cerogras Brand Dehydrated Cereal Grasses	184.0	2042C
Corn Products Refining Company, New York, New York.		
Buffalo Corn Gluten Feed	3.1	337W
Diamond 41% Protein Corn Gluten Meal	12.8	381M
Decatur Soy Products Company, Decatur, Illinois.		
Illini Brand 41% Protein Soybean Oil Meal	0.15	488T
Denver Alfalfa Milling & Products Company, The, Lamar, Colorado.		
Alfalfa Meal	22.8	10K
Alfalfa Leaf Meal	21.0	281H
Alfalfa Leaf Meal	11.7	46J
Alfalfa Leaf Meal	34.8	142M
Alfalfa Leaf Meal	27.0	14P
Alfalfa Leaf Meal	34.5	124T
Triple XXX Brand Alfalfa Meal	14.0	108H
Triple XXX Brand Alfalfa Meal	5.6	526S
Triple XXX Brand Alfalfa Meal	12.3	97W
Triple XXX Brand Alfalfa Meal	8.8	165W
Alfalfa Stem Meal	3.6	195M
Alfalfa Stem Meal	2.8	352M
Dehydrated Alfalfa Leaf Meal	103.2	254K
Dittlinger Roller Mills Company, H., New Braunfels, Texas.		
Feeding Corn Meal	2.1	96H

Table 6. Carotene in Feeds—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Parts Pure Carotene per Million	Registration or Inspection Number
Economy Mills, Lubbock, Texas. Green Top Brand Alfalfa Leaf Meal.....	48.0	212K
El Campo Rice Milling Company, El Campo, Texas. Yellow Corn Meal.....	4.1	118M
Farmers Alfalfa Milling Company, Fort Smith, Arkansas. Tendergreen Brand Dehydrated Alfalfa Leaf Meal.....	96.0	111T
Tendergreen Brand Dehydrated Alfalfa Leaf Meal.....	140.0	137W
Tendergreen Brand Dehydrated Alfalfa Leaf Meal.....	107.2	624W
Golden Oak Milling Company, De Leon, Texas. Ground Peanut Hay.....	1.4	562S
Kerens Oil Mill Kerens, Texas. Corn Chop.....	2.7	119W
Knaur Feed Milling Company, Denison, Texas. Corn Feed Meal.....	2.7	125T
Lufkin Milling Company, Lufkin, Texas. Corn Chop.....	3.1	131M
Martin-Lane Company, Vernon, Texas. Alfalfa Meal.....	15.0	226K
Matyastik & Sons, Cameron, Texas. Corn Chop.....	3.9	157W
Morameal Milling Company, Inc., Elm Grove, Louisiana. Dehydrated Alfalfa Leaf Meal.....	158.0	236T
Dehydrated Alfalfa Leaf Meal.....	124.4	607T
Morgan, Neal, Artesia, New Mexico. Alfalfa Meal.....	8.0	15M
Neumond Company, The St. Louis, Missouri. 28% Protein Corn Distillers' Dried Grains.....	0.5	1609G
Paris Milling Company, Paris, Texas. Yellow Corn Feed Meal.....	2.1	20P
Pecos Valley Alfalfa Mill Company, Hagerman, New Mexico. Alfalfa Meal.....	64.0	55K
Alfalfa Meal.....	23.0	95S
Alfalfa Meal.....	39.0	241S
Alfalfa Meal.....	43.0	242S
Alfalfa Meal.....	4.0	560W
Peevee Alfalfa Leaf Meal.....	30.0	302T
Peevee Alfalfa Leaf Meal.....	179.2	606T

Table 6. Carotene in Feeds—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Parts Pure Carotene per Million	Registration or Inspection Number
Rio Grande Valley Citrus Exchange, Weslaco, Texas. Texsun Brand Alfalfa Leaf Meal.....	70.7	538M
Ross-Hicks Grain Company, Fort Worth, Texas. Alfalfa Meal.....	2.0	399T
South Texas Cotton Oil Company, Taylor, Texas. 43% Protein Sheep-Size Cottonseed Cake.....	0.2	292W
Ultra-Life Laboratories, Inc., East St. Louis, Illinois. Ultra-Life Brand Mixing Feed.....	1.3	315W
Universal Mills, Fort Worth, Texas. Yellow Hominy Feed.....	1.4	150K
Waldo Alfalfa Milling Company, Inc., Bryan, Texas. Waldo Finely Ground Dehydrated Alfalfa Meal.....	112.5	481M
Waldo Dehydrated Alfalfa Leaf Meal.....	177.0	102H
Waldo Dehydrated Alfalfa Leaf Meal.....	72.5	126M
Waldo Dehydrated Alfalfa Leaf Meal.....	40.0	42P
Waldo Dehydrated Alfalfa Leaf Meal.....	156.0	571S
Waldo Alfalfa Stem Meal.....	85.3	480M

HARDNESS OF COTTONSEED CAKE

The force required to crush cottonseed cake between flat surfaces has been adopted as the best method of testing cake to ascertain its hardness. Tentatively, cracked cake with a crushing strength of 400 pounds or less is classed as soft; cake with a crushing strength of 401 to 1,500 pounds is classed as medium hard; cake with a crushing strength of 1,501 to 2,500 pounds is classed as hard, and that with a crushing strength of over 2,500 pounds is classed as very hard. This classification refers to the nut-size cottonseed cake, cubes, and pellets as sold for feeding purposes.

During the past year twenty-eight samples have been tested for hardness by the Division of Chemistry under the direction of Dr. G. S. Fraps, Chief, and the results appear in Table 7.

Table 7. Hardness of Cottonseed Cake

Name and Address of Manufacturer or Importer. Brand Name.	Crushing Strength—Lbs.				Inspection Number
	Soft 0-400	Medium Hard 401-1500	Hard 1501-2500	Very Hard Above 2500	
Big Spring Cotton Oil Company, Big Spring, Texas. 43% Protein Cottonseed Pellets	267	-----	-----	-----	1-S-Special

Table 7. Hardness of Cottonseed Cake—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crushing Strength—Lbs.				Inspection Number
	Soft 0-400	Medium Hard 401-1500	Hard 1501-2500	Very Hard Above 2500	
Chillicothe Cotton Oil Company, Chillicothe, Texas. 43% Protein Cracked Cot- ton Cake -----	-----	-----	-----	3072	5-S-Special
East Texas Cotton Oil Company, Palestine, Texas. 43% Protein Nut-Size Cot- tonseed Cake -----	-----	-----	1878	-----	4-P-Special
Fidelity Products Company, Houston, Texas. 43% Protein Cottonseed Cake -----	-----	638	-----	-----	4-M-Special
Fuller Cotton Oil Company, Snyder, Texas. 43% Protein Cottonseed Cake -----	-----	987	-----	-----	8-S-Special
Greenville Cotton Oil Company, Greenville, Texas. Red Rooster Brand 43% Protein Cracked Cotton- seed Cake -----	-----	879	-----	-----	3-P-Special
Hill County Cotton Oil Company, Hillsboro, Texas. 43% Protein Cottonseed Cake -----	-----	499	-----	-----	1-W-Special
Honey Grove Cotton Oil Company, The, Honey Grove, Texas. 43% Protein Cracked Cot- tonseed Cake -----	-----	1246	-----	-----	1-P-Special
La Grange Cotton & Oil Manufacturing Com- pany, La Grange, Texas. 43% Protein Cottonseed Cake -----	-----	-----	2061	-----	1-M-Special
Lamar Cotton Oil Company, The, Paris, Texas. 43% Protein Cottonseed Cake -----	-----	-----	2384	-----	2-P-Special
Lamesa Cotton Oil Company, Lamesa, Texas. 43% Protein Nut-Size Cot- tonseed Cake -----	-----	-----	2466	-----	2-S-Special
Memphis Cotton Oil Company, Memphis, Texas. 43% Protein Cottonseed Pellets -----	122	-----	-----	-----	4-S-Special

Table 7. Hardness of Cottonseed Cake—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crushing Strength—Lbs.				Inspection Number
	Soft 0-400	Medium Hard 401-1500	Hard 1501-2500	Very Hard Above 2500	
Ne-Tex Co-Operative Oil Mill, Wolfe City, Texas. Ne-Tex Brand 43% Protein Cracked Cottonseed Cake	125	-----	-----	-----	2-T-Special
Planters Cotton Oil Mill, Ennis, Texas. 43% Protein Cottonseed Pellets	235	-----	-----	-----	1-T-Special
Richmond Cotton Oil Com- pany, Inc., Richmond, Texas. 43% Protein Cracked Cot- tonseed Cake	-----	921	-----	-----	3-M-Special
Rule Cotton Oil Mill, Rule, Texas. Chuck Wagon Brand 43% Protein Cottonseed Cake	-----	-----	2419	-----	6-S-Special
San Antonio Oil Works, San Antonio, Texas. 43% Protein Cottonseed Cake	-----	1186	-----	-----	3-H-Special
Schulenburg Oil Mill, Schulenburg, Texas. 43% Protein Cottonseed Cake	-----	-----	1896	-----	2-M-Special
Seguin Cotton Oil Com- pany, The, Seguin, Texas. 43% Protein Screened Cracked Cottonseed Cake	-----	-----	2343	-----	1-H-Special
Southland Cotton Oil Company, Temple, Texas. 43% Protein Cottonseed Cake	-----	914	-----	-----	4-W-Special
South Texas Cotton Oil Company, Austin, Texas. 43% Protein Cracked Cot- tonseed Cake	304	-----	-----	-----	2-H-Special
South Texas Cotton Oil Company, Corpus Christi, Texas. 43% Protein Cottonseed Pellets	68	-----	-----	-----	4-H-Special
South Texas Cotton Oil Company, Taylor, Texas. 43% Protein Nut-Size Cot- tonseed Cake	-----	1361	-----	-----	3-W-Special
Stamford Cotton Oil Mill, Stamford, Texas. Chuck Wagon Brand 43% Protein Cottonseed Pel- lets	146	-----	-----	-----	7-S-Special

Table 7. Hardness of Cottonseed Cake—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crushing Strength—Lbs.				Inspection Number
	Soft 0-400	Medium Hard 401-1500	Hard 1501-2500	Very Hard Above 2500	
West Cotton Oil Mill, West, Texas. Cotton Bloom Brand 43% Protein Cottonseed Cake	-----	1427	-----	-----	2-W-Special
West Texas Cottonoil Co., Plainview, Texas. Paymaster Brand 43% Pro- tein Cottonseed Cubes	199	-----	-----	-----	3-S-Special

CARBONATE OF LIME AND SALT IN MIXED FEEDS

Many feeds of a mixed nature are registered to contain certain percentages of ground limestone, ground oyster shell, or some other material as a source of carbonate of lime, and salt. Determinations of the percentages of salt and carbonate of lime in quite a few of the inspection samples of mixed feeds show that the guaranties were not met in all cases. Some samples contained more salt and lime carrier than guaranteed, while others contained deficiencies in these ingredients, indicating failure to follow the formulas or lack of uniformity in mixing the ingredients.

During the period covered by this report the Division of Chemistry made 749 quantitative determinations of salt and 882 quantitative determinations of carbonate of lime in mixed feeds. Those shipments containing appreciable deficiencies or excesses were reported to the manufacturers and may be listed as follows:

Number of Shipments

80	Deficient in ground limestone
95	Deficient in ground oyster shell
12	Deficient in salt
22	Deficient in ground limestone and salt
20	Deficient in ground oyster shell and salt
11	Deficient in ground oyster shell with excess of salt
19	Deficient in ground limestone with excess of salt
2	Deficient in salt with excess of ground limestone
3	Deficient in salt with excess of ground oyster shell
58	Excess of salt
12	Excess of precipitated carbonate of lime
30	Excess of ground limestone
23	Excess of ground oyster shell
8	Excess of ground limestone and salt
4	Excess of ground oyster shell and salt

The percentage of samples showing excess of lime is less than last year and the percentage showing deficiency is much greater. The percentage of samples showing excess of salt was 13.3 % as compared with 12.1 % of the previous year. The percentage of samples showing deficiency in salt was 7.8 % as compared with 5.1 % of the previous year. There is still need for greater improvement on the part of the manufacturers as the amount of lime carrier and salt is always shown on feed inspection tags and the guaranties should be maintained in all cases.

Table 8 shows that 37.2 % of the samples examined for lime carrier and 21.1 % of the samples examined for salt did not contain the correct amount of limestone, oyster shell, or carbonate of lime, or salt, as guaranteed to be present.

All manufacturers are advised to follow the formulas and take the necessary steps to insure proper mixing of the ingredients before sales are made.

Table 8. Summary of Carbonate of Lime and Salt Determinations

Ingredient	Number Samples Examined	Number Samples Deficient	Number Samples with Excess	Per Cent	
				Deficient	With Excess
Limestone, Oyster Shell, or Calcium Carbonate -----	882	247	82	28.0	9.2
Salt -----	749	59	100	7.8	13.3

ANALYSES OF SALT AND LIME CARRIERS

We have recently obtained inspection samples of salt and lime carriers found in the open markets of the State and these samples have been analyzed by the Division of Chemistry.

The samples of salt were divided into three groups and the analyses will be found in Table 9. The samples listed in Group 1 consist almost entirely of pure salt but contained small percentages of other impurities. The samples in Group 2 contained 91.22 % of sodium chloride and 5.53 % of calcium sulphate. The deposits from which these salts were taken contained calcium sulphate, or gypsum, which is not injurious to animals but decreases the percentage of sodium chloride present. Group 3 averaged only 81.45 % of sodium chloride and contained an average of 11.17 % of potassium chloride. This group is decidedly inferior to the other two groups; while the potassium chloride is not likely to be injurious to animals, it is also of no benefit.

Table 10 shows the analyses of lime carriers divided into two groups. In Group 1 will be found the analyses of oyster shell and in Group 2 will be found the analyses of ground limestone and similar products. The samples of oyster shell contained an average of 52.72 % of calcium oxide

as compared with 53.70% in limestone so that there is little difference between these two materials. The oyster shell contained slightly more insoluble material than the limestone and appreciably more manganese. Three of the samples of limestone contained much more manganese than the others. It is probable that under some conditions the high percentage of manganese might be beneficial to chickens raised in battery brooders. On the whole, there is very little difference between the value of the oyster shell and limestone.

Table 9. Analyses of Salt

Name and Address of Manufacturer or Importer. Brand Name.	Sodium Chloride	Insol- uble	Magne- sium Oxide	Water	Calcium Sul- phate	Potas- sium Chloride	Magne- sium Sul- phate	Man- ganese	Iron	Sample Number
Group 1	%	%	%	%	%	%	%	ppm	ppm	
International Salt Com- pany, Scranton, Pa.										
Avery "C" Grade Salt	98.21	.68	.02	.05	.17	.30	----	----	27.8	7-M-Special
Jefferson Island Salt Company, Louisville, Ky.										
Salt	97.03	.88	.02	.03	.19	.41	----	.8	21.7	6-T-Special
Morton Salt Company, Dallas, Texas.										
Morton's Stock Salt	95.60	2.04	.02	.01	.32	.40	----	1.4	31.2	6-P-Special
Salt	97.67	.71	.01	.02	.19	.36	----	1.0	28.1	7-T-Special
Oklahoma Salt Industries, Sayre, Okla.										
Salt	97.16	.03	.07	.36	1.14	.51	----	3.2	21.3	8-S-Special
Southern Alkali Corpora- tion, Corpus Christi, Texas.										
Salt	96.85	.05	.03	.04	.05	.49	----	.9	19.4	8-H-Special
Sayre Salt Company, Sayre, Okla.										
Salt	96.68	.09	.12	.58	1.22	.32	----	----	22.0	9-K-Special
AVERAGE	97.03	.64	.04	.16	.47	.40	----	1.5	24.5	
Group 2										
Carey Salt Company, The, Winnfield, La.										
Carey's Stock Salt	91.31	.94	.02	.02	5.47	.35	----	2.8	26.9	7-P-Special
Stock Salt	93.42	.52	.01	.04	4.39	.41	----	----	18.0	8-W-Special

	%	%	%	%	%	%	%	ppm	ppm	
United Salt Corporation, Houston, Texas.										
Ranch House Salt Dust	92.84	.76	.02	.05	6.32	.63	-----	6.9	41.4	5-H-Special
Ranch House Rock Salt	92.36	2.70	.04	.02	4.09	.30	-----	3.9	29.0	6-M-Special
Ranch House Stock Salt	90.71	.90	.02	.05	6.83	.32	-----	7.2	30.7	6-W-Special
Ranch House Salt -----	86.68	7.33	.03	.21	6.08	.28	-----	9.6	59.8	16-Special
AVERAGE -----	91.22	2.19	.02	.07	5.53	.38	-----	6.1	34.3	
Group 3										
Bonds, Gaston, Lovington, N. M.										
Salt -----	80.92	1.78	.29	.68	.78	13.24	.65	5.0	452.6	7-K-Special
Southwestern Salt & Sup- ply Company, San Angelo, Texas.										
Salt -----	81.98	1.45	1.18	.47	.58	9.09	4.03	5.3	464.2	7-S-Special
AVERAGE -----	81.45	1.62	.74	.58	.68	11.17	2.34	5.2	458.4	

Table 10. Analyses of Lime Carriers

Name and Address of Manufacturer or Importer. Brand Name.	Calcium Oxide	Magne- sium Oxide	Insol- uble and Soluble Silica	Water	Phos- phoric Acid	Alum- inum Oxide	Man- ganese	Iron	Fluo- rine	Sample Number
Group 1	%	%	%	%	%	%	ppm	ppm	ppm	
Fort Worth Cotton Mill Com- pany, Fort Worth, Texas. Ground Oyster Shell	52.32	.51	3.46	.22	.05	.34	285.0	1128.0	68.0	5-T-Special
Houston Cotton Oil Mill, Houston, Texas. Ground Oyster Shell	53.24	.61	2.26	.25	.05	.22	282.0	607.0	-----	10-H-Special
Mayo Shell Company, Houston, Texas. Ground Oyster Shell	53.63	.58	1.60	.27	.05	.15	210.0	608.0	56.0	5-K-Special
Ground Oyster Shell	52.87	.38	2.93	.11	.05	.19	249.0	911.0	-----	10-W-Special
Shellbuilder Company, Houston, Texas. Pure Oyster Shell Flour	52.31	.52	3.59	.21	.07	.33	312.0	846.0	-----	6-H-Special
Shellbuilder Pure-Crushed Oyster Shell	54.27	.69	.37	.12	.04	.14	213.0	-----	30.0	8-K-Special
Shelllime Pure Oyster Shell Flour	53.45	.42	1.86	.18	.04	.21	279.0	743.0	-----	5-M-Special
Pure Oyster Shell Flour	52.05	.52	3.85	.24	.04	.34	347.0	1056.0	68.0	4-P-Special
Pure Oyster Shell Flour	53.48	.58	1.87	.16	.05	.16	240.0	606.0	76.0	9-P-Special
Shelllime	52.83	.52	2.82	.24	.04	.31	246.0	91.0	72.0	6-S-Special
Ground Oyster Shell	52.62	1.03	2.93	-----	.05	.36	-----	1258.0	-----	2-T-Special
Ground Oyster Shell	51.03	.39	5.37	.36	.05	.34	338.0	1446.0	51.0	8-T-Special
Pulverized Oyster Shell	51.77	.52	4.85	.27	.04	.27	338.0	1302.0	-----	5-W-Special
Pulverized Oyster Shell	52.26	.54	3.59	-----	-----	.53	-----	1027.0	70.0	-----
AVERAGE	52.72	.56	2.95	.22	.05	.28	278.0	895.0	61.0	
Group 2										
Kansas City Limeolith Com- pany, Kansas City, Kans. Limeolith	54.58	.92	.13	.19	.04	.20	19.8	439.0	21.0	1-T-Special

	%	%	%	%	%	%	ppm	ppm	ppm	
Mayo Shell Company, Houston, Texas.										
Cal-Bon-Ate	52.88	.62	2.84	.12	.04	.42	379.5	926.0		8-M-Special
Cal-Bon-Ate	53.58	.71	1.63	.09	.04	.30	234.0	580.0	84.0	5-S-Special
Shellbuilder Company, Houston, Texas.										
Calcium Carbonate	52.00	.40	4.34	.24	.03	.28	27.4	1162.0	65.0	10-T-Special
Ground Limestone	51.93	.47	4.12	.04	.04	.27	12.0	794.0	176.0	9-H-Special
Staffel Company, Ferd, San Antonio, Texas.										
Ground Limestone	54.11	.37	1.70	.17	.01	.27	12.0	794.0	176.0	9-H-Special
Texas Carbonate Company, Florence, Texas.										
Carbotex	53.96	.43	1.74	.12	.02	.35	16.0	833.0	153.0	7-H-Special
Carbotex	54.08	.58	1.49	.21	.01	.44	15.3	618.0		6-K-Special
Carbotex	53.90	.62	2.15	.26	.01	.32		1135.0		10-K-Special
Carbotex	54.05	.25	1.98	.23	.01	.39	15.5	826.0	176.0	5-P-Special
Carbotex	54.09	.24	1.76	.30	.01	.46	22.2	863.0		8-P-Special
Cal-Car-Bo	53.88	.35	2.07	.29	.02	.26	14.0		208.0	9-S-Special
Carbotex	54.24	.72	1.54	.19	.01	.34	9.3	846.0	137.0	9-T-Special
Carbotex	54.09	.47	1.67	.27	.01	.51	20.3			7-W-Special
Carbotex	54.10	.45	1.70	.16	.02	.49				11-W-Special
AVERAGE	53.70	.51	2.06	.19	.02	.37	91.1	859.0	122.0	

TESTS OF COMMERCIAL FEEDS FOR POISONS OR OTHER HARMFUL SUBSTANCES

The Division frequently receives complaints from feeders that they have sustained a loss of livestock and allege that certain feed is responsible for this loss. Samples of the feed in question accompany these complaints and the Division is requested to examine for the presence of poison or other harmful substances.

During the period covered by this report thirteen such samples have been received and used in feeding tests. Nine samples of poultry feed were fed to chickens of proper age under the direction of R. M. Sherwood, Chief, Division of Poultry Husbandry; four samples of stock feed were fed to proper animals under the direction of Dr. H. Schmidt, Chief, Division of Veterinary Science; and two samples of feed were fed to swine under the direction of Fred Hale, Chief, Division of Swine Husbandry. In all cases the tests were made under close supervision and in no instance did we find any poison or other substance present which would cause the sickness or death of animals.

RETAIL PRICES OF FEEDS

In September, 1941, January, 1942, and May, 1942, the retail prices of sixteen simple feed commodities were secured in three towns in each of seven districts into which the State was divided. This survey was made to determine what differences, if any, existed between the prices of given commodities in different sections of the State at intervals of four months. Table 11 shows the towns surveyed in each district in September, January, and May of the year ended August 31, 1942.

Table 12 shows the average retail prices of feeds per ton in each of seven districts, the average retail price for the State and also the average retail cash selling price for the year. In some instances it will be noted that wide differences existed between prices of the same commodity in different sections of the State when the survey was made. These differences are very largely due undoubtedly to differences in freight rates and the effect of supply and demand.

The average retail prices were greater than during the previous year. While there was an advance in the price of each commodity shown in Table 12, the greatest increases were on 43% protein cottonseed cake and meal (46%), 50% protein meat and bone scraps (43%), and dried buttermilk (41%).

Table 11. Towns in Each District in Which Retail Prices Were Secured

Name of District	Towns Sept., 1941	Towns Jan., 1942	Towns May, 1942
Amarillo.....	Shamrock Borger Amarillo	Clarendon Spur Lubbock	Post Lamesa Levelland
San Angelo.....	Midland Odessa Pecos	Big Spring Pecos El Paso	El Paso Fort Stockton San Angelo
Houston.....	Sealy Giddings Houston	Trinity Lufkin Houston	Houston Navasota Bryan
Waco.....	Corsicana Ennis Waxahachie	Georgetown Belton Gatesville	Cameron Rockdale Taylor
San Antonio.....	Harlingen Edinburg Alice	Beeville Corpus Christi Harlingen	San Antonio Beeville Corpus Christi
Dallas.....	Gainesville Weatherford Fort Worth	Breckenridge Graham McKinney	Wichita Falls Decatur Fort Worth
Tyler.....	Honey Grove Athens Marshall	Nacogdoches Longview Tyler	Terrell Marshall Tyler

Table 12. Average Retail Prices of Feeds by Districts

Name of Feed	Date	Price Per Ton. District							Average for State	Average for Year
		Ama- rillo	San Angelo	Houston	Waco	San Antonio	Dallas	Tyler		
43% Protein Cottonseed Cake	Sept., 1941	\$ 57.00	\$ 55.67	\$ 54.67	\$ 53.00	\$ 54.33	\$ 52.67	\$ 51.00	\$ 54.05	50.79
	Jan., 1942	49.33	51.67	51.67	48.00	49.33	52.00	48.67	50.09	
	May, 1942	50.67	50.67	47.33	49.33	47.67	46.00	46.00	48.24	
43% Protein Cottonseed Meal	Sept., 1941	57.00	55.67	54.67	53.00	54.33	52.67	51.00	54.05	50.79
	Jan., 1942	49.33	51.67	51.67	48.00	49.33	52.00	48.67	50.09	
	May, 1942	50.67	50.67	47.33	49.33	47.67	46.00	46.00	48.24	
Corn Chop	Sept., 1941	41.33	39.67	37.33	35.33	39.00	35.33	33.67	37.38	40.93
	Jan., 1942	39.67	44.33	41.67	40.00	42.00	42.67	40.00	41.48	
	May, 1942	42.33	45.67	44.20	46.00	44.00	42.33	43.00	43.93	
Milo or Kafir Chop	Sept., 1941	30.33	28.00	32.67	-----	27.00	29.00	32.67	29.95	30.38
	Jan., 1942	24.00	28.33	31.33	-----	28.00	32.00	32.00	29.28	
	May, 1942	24.33	32.00	31.33	35.67	33.33	33.67	33.00	31.90	
Prairie Hay	Sept., 1941	18.75	17.00	10.67	12.67	-----	12.33	11.00	13.74	15.38
	Jan., 1942	17.00	20.00	20.33	14.00	13.50	16.00	15.50	16.62	
	May, 1942	23.80	19.00	15.28	11.00	14.00	13.67	13.67	15.77	
Cottonseed Hulls (loose)	Sept., 1941	10.50	-----	12.67	11.33	7 64	10.33	11.00	10.58	10.57
	Jan., 1942	8.50	7.50	13.00	10.00	8.33	11.67	11.33	10.05	
	May, 1942	13.00	9.00	13.67	12.00	8.33	10.33	11.33	11.09	
Alfalfa Hay (baled)	Sept., 1941	19.17	14.33	20.33	17.67	22.00	16.00	17.00	18.07	21.58
	Jan., 1942	20.00	19.33	27.33	20.00	27.50	23.83	25.67	23.38	
	May, 1942	18.50	19.67	26.66	-----	35.00	15.66	24.33	23.30	
50% Protein Meat and Bone Scraps	Sept., 1941	76.67	80.00	70.67	75.00	70.33	72.33	77.67	74.67	81.27
	Jan., 1942	80.00	90.00	80.00	90.00	80.00	84.00	81.67	83.24	
	May, 1942	86.67	90.00	83.33	86.00	83.33	78.67	93.33	85.90	
Dried Buttermilk	Sept., 1941	170.00	-----	173.33	250.00	200.00	107.00	175.00	179.22	200.38
	Jan., 1942	200.00	220.00	218.33	200.00	260.00	198.33	253.33	221.43	
	May, 1942	-----	245.00	213.00	215.00	195.00	191.67	143.33	200.50	
Dried Skimmed Milk	Sept., 1941	170.00	-----	173.33	-----	-----	107.00	180.00	157.58	189.94
	Jan., 1942	-----	220.00	218.33	-----	-----	198.33	250.00	221.67	
	May, 1942	-----	-----	217.33	-----	210.00	191.67	143.33	190.58	

Whole Oat Chop	{	Sept., 1941	31.67	37.67	39.33	34.67	40.00	31.67	37.67	36.10	41.83
		Jan., 1942	40.00	44.00	45.67	43.33	41.67	35.33	41.67	41.67	
		May, 1942	50.33	49.67	48.20	48.67	48.50	43.67	45.00	47.72	
Rice Bran	{	Sept., 1941	-----	-----	31.00	30.00	-----	31.67	33.50	31.54	33.15
		Jan., 1942	-----	-----	31.67	29.00	29.67	37.00	31.67	31.80	
		May, 1942	-----	-----	35.33	36.25	37.33	35.67	36.00	36.12	
Rice Polishings	{	Sept., 1941	-----	-----	37.00	-----	-----	-----	-----	-----	40.33
		Jan., 1942	-----	-----	38.00	43.00	40.00	-----	-----	40.33	
		May, 1942	-----	-----	45.00	43.00	43.00	-----	-----	43.67	
60% Protein Digester Tankage	{	Sept., 1941	80.00	-----	71.67	76.67	-----	76.00	78.33	76.53	82.51
		Jan., 1942	80.00	90.00	78.33	-----	90.00	84.33	83.33	84.33	
		May, 1942	-----	90.00	82.67	90.00	90.00	84.00	83.33	86.67	
Wheat Bran, with or without Screenings	{	Sept., 1941	35.00	35.67	35.67	35.67	31.67	33.00	34.33	34.43	37.83
		Jan., 1942	36.67	38.00	37.67	39.00	37.00	37.00	35.67	37.29	
		May, 1942	42.33	39.67	43.00	44.00	42.00	39.33	42.00	41.76	
Wheat Gray Shorts, with or without Screenings	{	Sept., 1941	37.67	39.00	39.00	38.67	35.67	35.33	36.67	37.43	41.37
		Jan., 1942	40.67	41.00	41.33	42.67	40.67	42.67	40.67	41.88	
		May, 1942	47.67	43.33	46.47	46.67	45.67	42.67	44.67	45.31	

SUGGESTIONS TO PURCHASERS OF FEED

Examine Official Tags.—In purchasing feeding stuffs, always carefully examine the official tags attached and purchase on the official guaranty and actual analysis as indicated in the reports of the Division of Feed Control Service, and disregard statements of salesmen or in advertising matter, if they differ from the official tags.

Goods Not as Represented.—In case any purchaser receives goods which he thinks are not as represented, he may write to the Division of Feed Control Service, giving full details of the matter, stating the quantity on hand and his reasons for suspecting that the feed is not as represented. The Division will investigate the matter carefully and either send an inspector, if conditions justify so doing, or else send instructions for taking a sample of the feed for further examination.

Freight Bills, Invoices, Etc.—It is important that purchasers of feed in car lots should always have available for use of the inspector the following information: the total number of tons in the shipment; number and initials of car in which shipment is received; number and date of waybill; name of railroad issuing waybill; name of town from which shipment was made; name of firm from which feed was purchased; date of original waybill; date shipment was received, and price per ton. This information is especially valuable to the Service in all cases involving the shipment of feed from other States, as it will assist in proving the sale and protecting Texas purchasers under the Federal Law.

Official Tag.—Do not accept any feeding stuff unless Texas tax tags are attached to the sacks, and purchase only those brands which are manufactured by companies whose record of inspection shows that their guaranties are maintained.

DEFINITIONS AND STANDARDS ADOPTED

The Director of the Texas Agricultural Experiment Station is empowered to adopt standards for and definitions of feeding stuffs; therefore, the registration of any feeding stuff may be refused if it does not conform to the standard and definition or if application is made under a name which is misleading as to materials of which it is composed. Registrations continue in force until revision or re-registration may be required, unless cancelled for cause. The following will be considered as sufficient reasons for the cancellation of any registration, after ten days' notice: if a feeding stuff is registered and then discovered to be in violation of the standard and definition adopted; the use of a brand name that is found to be misleading in any respect; the use of a feed ingredient that is found to be injurious; the incorrect labeling of a feed with regard to any ingredient; misbranding or adulteration; notice from the manufacturer that the sale of any given brand has been discontinued, and notice from the manufacturer that he has ceased to do business in Texas.

Table 13 shows the chemical standards now in effect in Texas. If a manufacturer is uncertain as to how a certain brand of feed should be registered, it will be advisable for him to communicate with the Division of Feed Control Service before making application for registration.

Special-Purpose Mixed Feeds

The standards for special-purpose mixed feeds have also been adopted by the Association of Southern Feed Control Officials.

Table 13. Chemical Standards

Name of Feed	Minimum Protein, Per Cent	Minimum Fat, Per Cent	Maximum Fiber, Per Cent
Chopped Alfalfa	13.00	1.50	33.00
Alfalfa Leaf Meal			18.00
Alfalfa Meal	13.00	1.50	33.00
Ground Whole Barley			6.00
Raw Bone Meal	23.00		
Dried Buttermilk		5.00	
Evaporated, Concentrated, Condensed Buttermilk		2.00	
Corn Bran	8.00	5.00	12.00
Corn Chop	9.00	3.50	3.00
Ear Corn Chop	8.20	3.20	8.00
Ear Corn Chop with Husk	8.00	3.00	10.00
Corn Feed Meal	8.00	3.00	3.00
48% Protein Cottonseed Meal and Cake	48.00	7.00	9.00
45% Protein Cottonseed Meal and Cake	45.00	6.00	10.00
43% Protein Cottonseed Meal and Cake	43.00	5.20	12.00
41% Protein Cottonseed Meal and Cake	41.00	5.00	12.00
41.12% Protein Cottonseed Feed	41.12	5.00	14.00
38.56% Protein Cottonseed Feed	38.56	5.00	18.00
36% Protein Cottonseed Feed	36.00	5.00	22.00
28% Protein Whole-Pressed Cottonseed	28.00		
25% Protein Whole-Pressed Cottonseed	25.00		
Crab Meal	25.00		
Feterita Chop	11.00	2.80	3.00
Feterita Head Chop	10.00	2.50	8.00
Hominy Feed	10.00	5.00	7.00
Kafir Chop	10.00	2.50	3.00
Kafir Head Chop	8.50	2.50	8.00
Lespedza Meal			28.00
Meat Meal	65.00		
Milo Chop	10.00	2.50	3.00
Milo Head Chop	8.50	2.50	8.00
Feeding Oat Meal			4.00
48% Protein Peanut Meal and Cake	48.00	7.00	9.00
45% Protein Peanut Meal and Cake	45.00	6.00	10.00
43% Protein Peanut Meal and Cake	43.00	6.00	12.00
36% Protein Whole-Pressed Peanuts	36.00		22.00
34% Protein Whole-Pressed Peanuts	34.00		24.00
Rice Bran	11.00	10.00	15.00
Rice Polishings	11.00	6.00	4.00
Rye Flour Middlings			5.00
Rye Low-Grade Feed Flour			1.50
Wheat Bran	14.50	3.00	10.00
Wheat Brown Shorts	15.00	3.50	7.50
Wheat Chop	12.00	2.00	3.00
Wheat Gray Shorts	15.00	3.50	6.00
Wheat Low-Grade Feed Flour			1.50
Wheat Mixed Feed	15.00	3.50	8.50
Wheat Red Dog			4.00
Wheat White Shorts	14.50	3.00	3.50

Table 13. Chemical Standards—Continued

Name of Feed	Minimum Protein, Per Cent	Minimum Fat, Per Cent	Maximum Fiber, Per Cent
Special-Purpose Mixed Feeds			
Horse and Mule Feed.....	9.00	2.00	15.00
Dairy or Dairy Cow Feed.....	15.00	3.00	15.00
Complete Hog Feed or Ration.....	14.00	3.00	8.00
Chick Scratch Feed.....	9.00	2.00	4.00
Poultry Intermediate Scratch Feed.....	9.00	2.00	4.50
Poultry Scratch Feed.....	9.00	2.00	5.00
Poultry All-Mash Broiler Ration.....	17.00	3.50	8.00
Chick Starting Mash.....	17.00	3.50	7.00
All-Mash Starting Ration.....	15.00	3.50	7.00
Growing Mash.....	15.00	3.50	8.00
All-Mash Growing Ration.....	15.00	3.50	7.00
Starting and Growing Mash.....	17.00	3.50	7.00
All-Mash Starting and Growing Ration.....	15.00	3.50	7.00
Laying or Egg Mash.....	18.00	3.50	8.00
All-Mash Laying Ration.....	15.00	3.50	8.00
All-Mash Poultry Ration.....	15.00	3.50	7.00
Poultry Fattening Mash.....	13.00	3.50	8.00
Turkey Starting Mash.....	18.00	3.50	8.00
Turkey Growing Mash.....	17.00	3.50	8.00
Turkey Starting and Growing Mash.....	18.00	3.50	8.00
Turkey Laying Mash.....	18.00	3.50	8.00
Turkey All-Mash Laying Ration.....	15.00	3.50	8.00

DEFINITIONS OF AND STANDARDS FOR COMMERCIAL UNMIXED FEEDS

Many of the definitions adopted by the Association of American Feed Control Officials, Inc., are followed closely and the names and standards are required to be in conformity with these definitions. The date in parenthesis, such as (Adopted 1928.), gives the date of official adoption by the Association of American Feed Control Officials, Inc. In addition to these definitions, the following, some of which apply especially to Texas conditions, include standards and definitions formulated by the Division of Feed Control Service from the most reliable data available.

Alfalfa Products

Alfalfa Meal is the product obtained from the grinding of the entire alfalfa hay, without the addition of any alfalfa stems, alfalfa straw, or foreign material, or the abstraction of leaves. It must be reasonably free from other crop plants and weeds. (Adopted 1928.) Standard: It must contain not less than 13 per cent of crude protein and 1.5 per cent of crude fat, and not more than 33 per cent of crude fiber.

Chopped or Cut Alfalfa is the entire alfalfa hay, chopped or cut and not ground finely enough to become a meal. It must not contain an admixture of alfalfa straw or other foreign material. (Adopted prior to 1928—Amended 1937.) Standard: It must contain not less than 13 per cent of

crude protein and 1.5 per cent of crude fat, and not more than 33 per cent of crude fiber.

Alfalfa Leaf Meal is the ground product consisting chiefly of leafy materials separated from alfalfa hay or meal. It must be reasonably free from other crop plants and weeds, and must not contain more than 18 per cent of crude fiber. (Adopted 1928—Amended 1938.)

Alfalfa Stem Meal is the ground product remaining after the separation of the leafy material from alfalfa hay or meal. It must be reasonably free from other crop plants and weeds. (Adopted 1928.)

(Note)—The word “dehydrated” may precede the official definitions for alfalfa products provided the product has been artificially dried. (Adopted 1940.)

(Note)—A guaranty of the crude carotene content expressed in parts per million, accompanied by an expiration date, may be included on the label if the producer so desires. (Adopted 1941.)

Animal Products

Blood Meal is ground, dried blood. (Adopted 1926.)

Blood Flour is dried blood, prepared by special processes and reduced to a fine powder. (Adopted prior to 1928.)

Digester Tankage, Meat Meal Tankage, or Feeding Tankage is the residue from animal tissues exclusive of hoof, horn, manure, and stomach contents, except in such traces as might occur unavoidably in good factory practice, especially prepared for feeding purposes by tanking under live steam or by dry-rendering or a mixture of the products made suitable by drying and grinding. It must not contain more than 4.4 per cent of phosphorus (P). If it bears a name descriptive of its kind, composition or origin, the material must correspond thereto. (Adopted 1928—Amended 1933, 1936, 1938.)

Digester Tankage with Bone, Meat and Bone Meal Digester Tankage, Meat and Bone Meal Tankage, or Feeding Tankage with Bone is the residue from animal tissues exclusive of hoof, horn, manure, and stomach contents, except in such traces as might occur unavoidably in good factory practice, especially prepared for feeding purposes by tanking under live steam or by dry-rendering or a mixture of the products made suitable by drying and grinding, and containing more than 4.4 per cent of phosphorus (P). If it bears a name descriptive of its kind, composition or origin, it must correspond thereto. (Adopted 1928—Amended 1933, 1936, 1938.)

Meat is the clean, wholesome flesh derived from slaughtered mammals and is limited to that part of the striate muscle which is skeletal or that which is found in the tongue, in the diaphragm, in the heart, or in the esophagus, and does not include that found in the lips, in the snout, or in the ears; with or without the accompanying and overlying fat and the

portions of skin, sinew, nerve, and blood vessels which normally accompany the flesh. If it bears a name descriptive of its kind, it must correspond thereto.

The term "meat" when applied to the corresponding portions of animals other than cattle, swine, sheep, and goats shall be used in qualified form, as, for example, "horse meat," "reindeer meat," "crab meat," etc. (Adopted 1938—Amended 1939.)

Meat By-Products consist of any non-rendered, clean, wholesome part of the carcass of slaughtered mammals other than meat, such as lungs, spleens, kidneys, brains, stomach and intestines free from their contents; it does not include skin, horns, teeth, hoofs, and bones. If it bears a name descriptive of its kind, it must correspond thereto.

The term "meat by-products" when applied to the corresponding portions of animals other than cattle, swine, sheep, and goats shall be used in qualified form, as, for example, "horse meat by-products," "reindeer meat by-products," "crab meat by-products," etc. (Adopted 1938—Amended 1939.)

Meat Meal is the ground, dry-rendered residue from animal tissues exclusive of hoof, horn, blood, manure, and stomach contents, except in such traces as might occur unavoidably in good factory practice. It must contain not less than 65 per cent of protein and not more than 3 per cent of phosphorus (P). If it bears a name descriptive of its kind, composition, or origin, it must correspond thereto. (Adopted 1939.)

Meat Scraps is the ground, dry-rendered residue from animal tissues exclusive of hoof, horn, blood, manure, and stomach contents, except in such traces as might occur unavoidably in good factory practice. When this product contains more than 4.4 per cent of phosphorus (P), it shall be designated _____ Per Cent Protein Meat and Bone Scraps. If it bears a name descriptive of its kind, composition or origin, it must correspond thereto. (Adopted 1928—Amended 1936, 1938.)

Raw Bone Meal is the dried, ground product suitable for animal feeding, obtained by cooking in water at atmospheric pressure, undecomposed bone, just enough to remove excess fat and meat. It must not contain less than 23 per cent of protein. (Adopted 1929.)

Steamed Bone Meal is the dried, ground product suitable for animal feeding, obtained by cooking bones with steam under pressure. (Adopted 1929.)

Special Steamed Bone Meal is the dried, ground product suitable for animal feeding, obtained by cooking dried bone after the removal of grease and meat fibre with steam under pressure in the process of obtaining gelatine or glue. (Adopted 1929.)

Bone Charcoal or Bone Black is the product obtained by charring bones in closed retorts. It shall contain not less than 14.7 per cent of phosphorus (P). (Adopted 1938.)

Spent Bone Black is the product resulting from the repeated charring of bone charcoal or bone black after use in clarifying sugar solutions. It shall contain not less than 11.5 per cent of phosphorus (P.) (Adopted 1938.)

Barley Products

Barley Hulls is the product consisting of the outer coverings of the barley. (Adopted prior to 1928.)

Barley Feed is the entire by-product resulting from the manufacture of pearl barley from clean barley. (Adopted prior to 1928.)

Barley Mixed Feed is the entire offal from the milling of barley flour from clean barley and is composed of barley hulls and barley middlings. (Adopted prior to 1928.)

Ground Barley is the entire product obtained by grinding clean, sound barley, containing not less than 90 per cent of pure barley and not more than 10 per cent of other grains, weed seeds, and other foreign material, and not more than 6 per cent of crude fiber; provided that no portion of this stated 10 per cent of other grains, weed seeds, or other foreign material shall be intentionally added. (Adopted prior to 1928.)

Mixed Feed Barley is the entire product obtained by grinding country-run barley containing not less than 75 per cent of pure barley and not more than 25 per cent of other grains, weed seeds, and other foreign material; provided that no portion of this stated 25 per cent of other grains, weed seeds, or foreign material shall be intentionally added. The ingredients must be stated as barley, other grains, weed seeds, and other foreign material. (Adopted prior to 1928.)

Brewers' and Distillers' Products

Brewers' Dried Grains is the dried extracted residue of barley malt alone or in mixture with other cereal grain or grain products resulting from the manufacture of wort. (Adopted 1936.)

Corn Distillers' Dried Grains is the dried residue obtained in the manufacture of alcohol and distilled liquors from corn or a grain mixture in which corn predominates. (Adopted 1937.)

Rye Distillers' Dried Grains is the dried residue obtained in the manufacture of alcohol and distilled liquors from rye or a grain mixture in which rye predominates. (Adopted 1937.)

Distillers' Corn Solubles is a by-product from the manufacture of alcohol from corn solids obtained by the evaporation of the mash liquor after the removal of the alcohol and wet grains. (Adopted prior to 1928.)

Distillers' Rye Solubles is a by-product from the manufacture of alcohol from rye solids obtained by the evaporation of mash liquor after the removal of the alcohol and wet grains. (Adopted prior to 1928.)

Distillers' Corn and Rye Solubles is a by-product from the manufacture of alcohol from corn and rye solids obtained by the evaporation of mash liquor after the removal of the alcohol and wet grains. (Adopted prior to 1928.)

Malt Sprouts are the sprouts of the barley grain obtained from malted barley. Sprouts derived from any other malted cereal must be designated by the name of that cereal. (Adopted prior to 1928.)

Yeast Dried Grains or Vinegar Dried Grains is the properly dried residue from the mixture of cereals, malt, and malt sprouts (sometimes cottonseed meal), obtained in the manufacture of yeast or vinegar, and consists of corn or corn and rye, from which most of the starch has been extracted, together with malt added during the manufacturing process to change the starch to sugars, and malt sprouts (sometimes cottonseed meal) added during the manufacturing process to aid in filtering the residue from the wort and to serve as a source of food supply for the yeast. (Adopted prior to 1928.)

Corn Products

Corn Meal is finely ground, unbolted corn. (Adopted prior to 1928.)

Corn Bran is the outer coating of the corn kernel, with little or none of the starchy part or germ. (Adopted 1931.) Standard: It must contain not less than 8 per cent of crude protein and 5 per cent of crude fat, and not more than 12 per cent of crude fiber.

Corn Feed Meal is the fine siftings obtained in the manufacture of screened corn chop, screened ground corn, or screened cracked corn, with or without its aspiration products added. (Adopted 1931.) Standard: It must contain not less than 8 per cent of crude protein and 3 per cent of crude fat, and not more than 3 per cent of crude fiber.

Corn Chop, Ground Corn, or Cracked Corn is the entire product made by grinding, cutting, or chopping the grains of sound Indian corn, and may be fine, medium, or coarse, and must not contain more than 4 per cent of foreign material. (Adopted 1931.) Standard: It must contain not less than 9 per cent of crude protein and 3.5 per cent of crude fat, and not more than 3 per cent of crude fiber.

Screened Corn Chop, Screened Ground Corn, or Screened Cracked Corn is the coarse portion of corn chop, ground corn, or cracked corn from which most of the fine particles have been removed, and must not contain more than 4 per cent of foreign material. (Adopted 1931.)

Corn Grits, or Hominy Grits is the product consisting of the fine or medium-sized, hard flinty portions of sound Indian corn containing little or none of the bran or germ. (Adopted 1931.)

Ear Corn Chop is corn and cob chopped, without the husk, with no greater proportion of cob than occurs in the ear corn in its natural state. (Adopted prior to 1928.) Standard: It must contain not less than 8.20 per cent of crude protein and 3.20 per cent of crude fat, and not more than 8 per cent of crude fiber.

Ear Corn Chop with Husk is corn, corn cob, and corn husk, chopped, with no greater proportion of cob and husk than occurs in the snapped corn in its natural state. Standard: It must contain not less than 8 per cent of crude protein and 3 per cent of crude fat, and not more than 10 per cent of crude fiber.

Corn Gluten Feed is that part of commercial shelled corn that remains after the extraction of the larger part of the starch and germ by the process employed in the wet-milling manufacture of corn starch or syrup. It may or may not contain one or more of the following: corn solubles, corn oil meal. (Adopted 1936.)

Corn Gluten Meal is that part of commercial shelled corn that remains after the extraction of the larger part of the starch and germ, and the separation of the bran by the process employed in the wet-milling manufacture of corn starch or syrup. It may or may not contain one or more of the following: corn solubles, corn oil meal. (Adopted 1936.)

Maltose Process Corn Gluten Feed is the dried residue from degermed corn, after removal of the starch in the manufacture of malt syrup. (Adopted prior to 1928.)

Hominy Feed is a mixture of corn bran, corn germ, and a part of the starchy portion of either white or yellow corn kernels or mixture thereof as produced in the manufacture of pearl hominy, hominy grits or table meal, and shall contain not less than 5 per cent of crude fat. If prefixed with the words "white" or "yellow," the product must correspond thereto. (Adopted 1935.) Standard: It must contain not less than 10 per cent of crude protein and 5 per cent of crude fat, and not more than 7 per cent of crude fiber.

Corn Oil Cake consists of the corn germ from which part of the oil has been pressed and is the product obtained in the wet-milling process of manufacture of corn starch, corn syrup, and other corn products. (Adopted prior to 1928.)

Corn Oil Meal is ground corn oil cake. (Adopted prior to 1928.)

Corn Germ Cake consists of corn germ with other parts of the corn kernel from which part of the oil has been pressed, and is the product obtained in the dry-milling process of manufacture of corn meal, corn grits, hominy feed, and other corn products. (Adopted prior to 1928.)

Corn Germ Meal is ground corn germ cake. (Adopted prior to 1928.)

Corn Screenings is the product consisting of the small light grains of corn, parts of grains of corn or other cereals, and other materials having feeding value, separately or together, obtained by screening shelled corn, excluding sand, dirt and other similar inert materials. (Adopted 1931.)

Cottonseed Products

Cottonseed Meal is a product of the cottonseed only, composed principally of the kernel with such portion of the hull as is necessary in the manufacture of oil; provided that nothing shall be recognized as cottonseed meal that does not conform to the foregoing definition and that does not contain at least 41 per cent of protein. Cottonseed meal shall be graded and classed as follows:

48 Per Cent Protein Cottonseed Meal, Prime Quality, must be reasonably bright in color, not brown or reddish, sweet in odor, and free from excess of lint. Standard: It must contain not less than 48 per cent of crude protein and not less than 55 per cent of crude protein and crude fat combined, and not more than 9 per cent of crude fiber.

45 Per Cent Protein Cottonseed Meal, Prime Quality, must be reasonably bright in color, not brown or reddish, sweet in odor, and free from excess of lint. Standard: It must contain not less than 45 per cent of crude protein and not less than 51 per cent of crude protein and crude fat combined, and not more than 10 per cent of crude fiber.

43 Per Cent Protein Cottonseed Meal, Prime Quality, must be reasonably bright in color, not brown or reddish, sweet in odor, and free from excess of lint. Standard: It must contain not less than 43 per cent of crude protein and not less than 48.20 per cent of crude protein and crude fat combined, and not more than 12 per cent of crude fiber.

41% Protein Cottonseed Meal, Prime Quality, must be reasonably bright in color, not brown or reddish, sweet in order, and free from excess of lint. Standard: It must contain not less than 41 per cent of crude protein and not less than 46 per cent of crude protein and crude fat combined, and not more than 12 per cent of crude fiber.

Cottonseed Meal, Off Quality. Cottonseed meal not fulfilling the above requirements as to color, odor, or texture shall be branded "Off Quality," that is, "41 Per Cent Protein Cottonseed Meal, Off Quality." Higher grades shall be similarly designated.

Cottonseed Cake is a product of the cottonseed only, composed principally of the kernel with such portion of the hull as is necessary in the manufacture of oil; provided that nothing shall be recognized as cottonseed cake that does not conform to the following definitions and that does not contain at least 41 per cent of protein. Cottonseed cake shall be graded and classed as follows:

----- **Per Cent Protein Cottonseed Cake, Prime Quality.** Cottonseed cake, prime quality, must be firm, but not flinty in texture, of sweet odor, free of mold, and when ground into meal, must produce cottonseed meal, prime quality. It shall contain not less than 41 per cent of crude protein. It must be designated and sold according to its protein content. Cottonseed cake with 41 per cent of crude protein must be termed "41 Per Cent Protein Cottonseed Cake, Prime Quality," and higher grades similarly designated.

----- **Per Cent Protein Cottonseed Cake, Off Quality.** Cottonseed cake not fulfilling the above requirement as to color, odor, and texture must be labeled "41 Per Cent Protein Cottonseed Cake, Off Quality," and higher grades similarly designated.

----- **Per Cent Protein Nut-Size Cottonseed Cake, ----- Quality.** Nut-size cottonseed cake shall be a product which will pass through 1½-inch round perforation and over ⅞-inch round perforation. It shall be free from meal, pea-size and pebble-size cake and shall not contain in excess of 10 per cent of sheep-size cake. (Adopted 1937.)

----- **Per Cent Protein Sheep-Size Cottonseed Cake, ----- Quality.** Sheep-size cottonseed cake shall be a product which will pass through ⅞-inch round perforation and over ⅝-inch round perforation. It shall be free from meal and pebble-size cake and shall not contain in excess of a total of 10 per cent of nut-size and pea-size cake. (Adopted 1937.)

----- **Per Cent Protein Pea-Size Cottonseed Cake, ----- Quality.** Pea-size cottonseed cake shall be a product which will pass through ⅝-inch round perforation and over ⅜-inch round perforation. It shall be free from meal and nut-size cake and shall not contain in excess of 10 per cent of sheep-size and pebble-size cake. (Adopted 1937.)

----- **Per Cent Protein Pebble-Size Cottonseed Cake, ----- Quality.** Pebble-size cottonseed cake shall be a product consisting of fine particles and small pieces of cottonseed cake capable of passing through a ⅜-inch round perforation. (Adopted 1937.)

----- **Per Cent Protein Cottonseed Cubes or Pellets, Prime Quality.** Cottonseed cubes or pellets, prime quality, processed through a cubing or pelleting machine, must be firm, but not flinty, of sweet odor, free of mold, and when ground into meal, must produce cottonseed meal, prime quality. It shall contain not less than 41 per cent of crude protein. It must be designated and sold according to its protein content.

Cottonseed Cake, Cubes and Pellets shall correspond to cottonseed meal as to composition and as to standards and classifications.

Munsell Color Standard for Cottonseed Cake and Meal, Prime Quality. Whenever in the definitions reference is made to color of cottonseed cake or cottonseed meal, prime quality, 41 per cent or higher protein cottonseed

cake or cottonseed meal shall not be darker in color than Munsell Color Standard "1½ yellow, 5/5," and 36 per cent protein cottonseed cake or cottonseed meal, prime quality, shall not be darker in color than Munsell Color Standard "10 yellow—red 5/5." (Adopted 1938.)

41.12 Per Cent Protein Ground Cottonseed Feed must be reasonably bright in color, sweet in odor, and must contain not more than 5 per cent of delinted cottonseed hulls. Standard: It must contain not less than 41.12 per cent of crude protein and not less than 46.12 per cent of crude protein and crude fat combined, and not more than 14 per cent of crude fiber.

38.56 Per Cent Protein Ground Cottonseed Feed must be reasonably bright in color, sweet in odor, and must contain not more than 12 per cent of delinted cottonseed hulls. Standard: It must contain not less than 38.56 per cent of crude protein and not less than 43.56 per cent of crude protein and crude fat combined, and not more than 18 per cent of crude fiber.

36 Per Cent Protein Ground Cottonseed Feed must be reasonably bright in color, sweet in odor, and must contain not more than 17.50 per cent of delinted cottonseed hulls. Standard: It must contain not less than 36 per cent of crude protein and not less than 41 per cent of crude protein and crude fat combined, and not more than 22 per cent of crude fiber.

Cracked Cottonseed Feed shall correspond to ground cottonseed feed as to composition and as to standards and classifications.

The percentage of cottonseed hulls contained in cottonseed feed must be shown on the tags in order that this product may not be considered adulterated.

28 Per Cent Protein Whole-Pressed Cottonseed, Prime Quality, is the product resulting from subjecting the whole, sound, mature, clean, un-decorticated cottonseed to pressure for the extraction of oil, and includes the entire cottonseed, less the oil extracted and the lint removed. Standard: It must contain not less than 28 per cent of crude protein.

25 Per Cent Protein Whole-Pressed Cottonseed, Prime Quality, is the product resulting from subjecting the whole, sound, mature, clean, un-decorticated cottonseed to pressure for the extraction of oil, and includes the entire cottonseed, less the oil extracted and the lint removed. Standard: It must contain not less than 25 per cent of crude protein.

Ground Whole-Pressed Cottonseed is whole-pressed cottonseed, ground. It must correspond to whole-pressed cottonseed as to composition and as to standards and classifications.

Feterita Products

Feterita Chop consists of the entire grain removed from the head and chopped. Standard: It must contain not less than 11 per cent of protein, 2.80 per cent of fat, and not more than 3 per cent of crude fiber.

Feterita Head Chop consists of the entire head, chopped. Standard: It must contain not less than 10 per cent of protein, 2.50 per cent of fat, and not more than 8 per cent of crude fiber.

Feterita Head Stems consists of the head of feterita from which the grain has been removed.

Kafir Products

Kafir Chop consists of the entire grain removed from the head and chopped. Standard: It must contain not less than 10 per cent of protein, 2.50 per cent of fat, and not more than 3 per cent of crude fiber.

Kafir Head Chop consists of the entire head, chopped. Standard: It must contain not less than 8.50 per cent of protein, 2.50 per cent of fat, and not more than 8 per cent of crude fiber.

Kafir Head Stems consists of the head of kafir from which the grain has been removed.

Lespedeza Products

Lespedeza Meal is the product obtained from the grinding of the entire lespedeza hay, without the addition of any lespedeza stems, lespedeza straw, or foreign material, or the abstraction of leaves. It must be reasonably free from other crop plants and weeds, and must not contain more than 28 per cent of crude fiber. (Adopted 1938.)

Lespedeza Stem Meal is the ground product remaining after the separation of the leafy material from lespedeza hay or meal. It must be reasonably free from other crop plants and weeds. (Adopted 1938.)

Lespedeza Straw Meal is the ground product remaining after the separation of the seed from Lespedeza. It must be reasonably free from other crop plants and weeds. (Adopted 1938.)

Linseed and Flax Products

_____ **Per Cent Protein Linseed Cake** or _____ **Per Cent Protein Linseed Meal** is the product obtained in the removal of the oil from flaxseed; provided that the final product contains less than 6 per cent of weed seeds and other foreign materials; and provided further, that no portion of the stated 6 per cent of weed seeds and other foreign materials shall be deliberately added. It shall not contain more than 0.5 per cent of acid insoluble ash. (Adopted 1933.)

_____ **Per Cent Protein Old Process Oil Meal** or _____ **Per Cent Protein Old Process Linseed Meal** is oil meal as defined below, produced by crushing, cooking, and hydraulic pressure. (Adopted prior to 1928.)

_____ **Per Cent Protein New Process Oil Meal** or _____ **Per Cent Protein New Process Linseed Meal** is oil meal as defined below, produced by crushing, heating, and the use of solvents. (Adopted prior to 1928.)

Flax Plant By-Product is that portion of the flax plant remaining after the separation of the seed, the bast fiber, and a portion of the shives, and consists of flax shives, flax pods, broken and immature flax seeds, and the cortical tissues of the stem. (Adopted prior to 1928.)

Ground Flaxseed or Flaxseed Meal is the product obtained by grinding flaxseed which has been screened and cleaned of weed seeds and other foreign materials by the most improved commercial process; the final product must contain less than 4 per cent of weed seeds and other foreign materials, and no portion of the stated 4 per cent of weed seeds and other foreign materials shall be intentionally added. (Adopted prior to 1928.)

Unscreened Flaxseed Oil Feed Cake is the product obtained by extraction of part of the oil from unscreened flaxseed by crushing, cooking, and hydraulic pressure, or by crushing, heating, and the use of solvents. The ingredients must be stated as "partially extracted flaxseed and foreign seeds (wheat, wild buckwheat, pigeon grass, wild mustard, etc.)." (Adopted prior to 1928.)

Ground Unscreened Flaxseed Oil Feed is the ground unscreened flaxseed oil feed cake. (Adopted prior to 1928.)

Screenings Oil Feed is the ground product obtained after extraction of part of the oil by crushing, cooking, and hydraulic pressure, or by crushing, heating, and the use of solvents from the smaller imperfect flaxseed, weed seeds, and other foreign materials having feeding value, separated in cleaning flaxseed. The name of the grain from which the screenings are separated must be prefixed to "screenings oil feed." (Adopted prior to 1928.)

----- **Per Cent Protein Oil Cake** is the product obtained after the extraction of part of the oil by crushing, cooking, and hydraulic pressure, or by crushing, heating, and the use of solvents, from flaxseed which have been screened and cleaned of weed seeds and other foreign materials by the most improved commercial process. When used alone the term "Oil Cake" shall be understood to designate linseed cake as defined. When used to cover any other product the name of the seed from which it is obtained must be prefixed to the words "Oil Cake." (Adopted prior to 1928.)

----- **Per Cent Protein Oil Meal or ----- Per Cent Protein Ground Oil Cake** is oil cake ground to a meal. (Adopted prior to 1928.)

----- **Per Cent Protein Linseed Feed** is a mixture of linseed meal with screenings oil feed, or other flaxseed by-products, or both. (Adopted 1937.)

Marine Products

Fish Meal is clean, dried, ground tissues of undecomposed whole fish or fish cuttings, either or both, with or without the extraction of part of the

oil, and contains not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl), the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933.)

Fish Residue Meal is the clean, dried, undecomposed residue from the manufacture of glue from non-oily fish, and contains not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl), the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933.)

Crab Meal is prepared from the undecomposed dried waste of the crab industry and contains the shell, viscera, and part or all of the flesh. It contains not less than 25 per cent of protein and not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl), the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933.)

Shrimp Meal is prepared from the undecomposed dried waste of the shrimp industry and contains the head, hull, or the whole shrimp, either or in mixture, and not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl), the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933.)

Whale Meal is prepared from the clean, dried, undecomposed flesh of the whale, after part of the oil has been extracted. It contains not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl), the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933.)

Cod Liver Oil is the oil obtained from the livers of gadus morrhuae or other species of the family gadidae, either or both. It must contain not less than 850 U. S. P.¹ units of vitamin A and not less than 85 A. O. A. C.² chick units of vitamin D per gram. (Adopted 1937—Amended 1939.)

Sardine Oil or Pilchard Oil is the product obtained by extraction of part of the oil from the whole Pacific sardine or pilchard or from cannery refuse of this species of fish. (Adopted 1932.)

Salmon Oil is the product obtained by extraction of part of the oil from the cannery refuse of salmon. (Adopted 1932.)

Tuna Oil is the product obtained by extraction of part of the oil from the cannery refuse of tuna. (Adopted 1932.)

¹United States Pharmacopoeia.

²Association of Official Agricultural Chemists.

Menhaden Oil is the product obtained by extraction of part of the oil from whole menhaden. (Adopted 1932.)

Herring Oil is the product obtained by extraction of part of the oil from the whole herring or part of the herring. (Adopted 1933.)

Salmon Liver Oil is the product obtained by extraction of part of the oil from salmon livers. (Adopted 1933.)

Stearine is the solid material obtained by filtration from an animal or vegetable oil after chilling or freezing in the process of refining. When this product is sold as a feed, the term shall be prefixed by the name of the oil from which it is obtained. (Adopted 1934.)

Milk Products

Evaporated Buttermilk, Concentrated Buttermilk, or Condensed Buttermilk is the product resulting from the removal of a considerable portion of water from clean, sound buttermilk derived from natural cream to which no foreign substances have been added excepting such as are permitted and necessary in the manufacture of butter. It contains not less than 27 per cent of total solids, not less than 2 per cent of butterfat, and not more than .14 per cent of ash for each per cent of solids. This definition does not prohibit the use of a distinctive trade name, provided it is followed by one of the names given. (Adopted prior to 1928.)

Dried Buttermilk (Feeding) is the product resulting from the removal of water from clean, sound buttermilk derived from natural cream to which no foreign substances have been added, excepting such as are necessary and permitted in the manufacture of butter. It contains not more than 8 per cent of moisture, not more than 13 per cent of mineral matter (ash), and not less than 5 per cent of butterfat, as determined by the Roese-Gottlieb method. (Adopted 1932.)

Dried Skimmed Milk (Feeding) is the product resulting from the removal of water from clean, sound skimmed milk. It contains not more than 8 per cent of moisture. (Adopted 1930.)

Condensed Skimmed Milk is the product resulting from the removal of a considerable portion of water from clean, sound skimmed milk. It contains not less than 27 per cent of total solids. (Adopted 1930.)

Dried Soured Skimmed Milk is the product resulting from the removal of water from clean, sound skimmed milk which has been soured by a suitable culture of lactic bacteria. It contains not more than 8 per cent of moisture. (Adopted 1932.)

Evaporated Soured Skimmed Milk, Concentrated Soured Skimmed Milk, or Condensed Soured Skimmed Milk is the product resulting from the removal of a considerable portion of water from clean, sound skimmed milk which has been soured by a suitable culture of lactic bacteria. It contains not less than 27 per cent of total solids. (Adopted 1932.)

Dried Whey is the by-product from the manufacture of cheese or casein, either or both. This product shall contain at least 65 per cent of lactose (milk sugar.) (Adopted 1934.)

Cheese Rind is cooked, partially defatted cheese rind. (Adopted 1935.)

Milo Products

Milo Chop consists of the entire grain removed from the head and chopped. Standard: It must contain not less than 10 per cent of protein, 2.50 per cent of fat, and not more than 3 per cent of crude fiber.

Milo Head Chop consists of the entire head, chopped. Standard: It must contain not less than 8.50 per cent of protein, 2.50 per cent of fat, and not more than 8 per cent of crude fiber.

Milo Head Stems consists of the head of the milo from which the grain has been removed.

Oat Products

Oat Hulls is the product consisting of the outer covering of the oat. (Adopted prior to 1928.)

Oat Middlings is the product consisting of the floury portions of the oat groat obtained in the milling of rolled oats. (Adopted prior to 1928.)

Oat Shorts is the product consisting of the covering of the oat grain lying immediately inside the hull, being a fuzzy material carrying with it considerable portions of the fine floury part of the groat obtained in the milling of rolled oats. (Adopted prior to 1928.)

Clipped Oat By-Product is the by-product obtained in the manufacture of clipped oats. It may contain the light chaffy material broken from the end of the hulls, empty hulls, light immature oats, and dust. It must not contain an excessive amount of oat hulls. (Adopted prior to 1928.)

Oat Chop, Ground Oats, Pulverized Oats, Crushed Oats, or Crimped Oats consists of the entire product made by chopping, cutting, grinding, crushing, or crimping whole oats. (Adopted 1931.)

Oat Groats are the kernels produced from cleaned and dried oats in the process of manufacturing oat meal. (Adopted 1931.)

Hulled Oats or Undried Oat Groats are the kernels produced from the undried grain in the process of hulling oats. (Adopted 1931.)

Oat Mill Feed (Oat Hulls, Oat Shorts, and Oat Middlings) is the entire by-product produced in the manufacture of oat groats and consists of oat hulls, oat shorts, and oat middlings. If used in a mixed feed, it shall be called Oat Mill Feed (Oat Hulls, Oat Shorts, and Oat Middlings). (Adopted 1932.)

Feeding Oat Meal is a product obtained in the manufacture of rolled oat groats or rolled oats and consists of broken rolled oat groats, oat groat chips, and floury portions of the oat groats, with only such quantity of finely ground oat hulls as is unavoidable in the usual process of commercial milling. It must not contain more than 4 per cent of crude fiber. (Adopted 1938.)

Cut Oat Groats, Cracked Oat Groats, or Ground Oat Groats is the product produced by cutting, cracking, or grinding oat groats. (Adopted 1938.)

Peanut Products*

48 Per Cent Protein Peanut Meal is the product from the kernels of sound peanuts, free from excess of hulls and other foreign materials. Standard: It must be finely ground and of sweet odor, and must contain not less than 48 per cent of protein, not less than 7 per cent of fat, and not more than 9 per cent of crude fiber.

45 Per Cent Protein Peanut Meal is the product from the kernels of sound peanuts, free from excess of hulls and other foreign materials. Standard: It must be of sweet odor, and contain not less than 45 per cent of protein, not less than 6 per cent of fat, and not more than 10 per cent of crude fiber.

43 Per Cent Protein Peanut Meal is the product from the kernels of sound peanuts, reasonably free from excess of hulls and other foreign materials. Standard: It must be of sweet odor, and contain not less than 43 per cent of protein, not less than 6 per cent of fat, and not more than 12 per cent of crude fiber.

Peanut Cake shall correspond to peanut meal as to composition and as to standards and classifications.

36 Per Cent Protein Whole-Pressed Peanuts is the product resulting from subjecting the whole, sound, mature, clean peanuts, free from sticks, stems, and dirt, to pressure for the extraction of oil, and includes the entire peanut less the oil extracted. Standard: It must contain not less than 36 per cent of protein and not more than 22 per cent of crude fiber.

34 Per Cent Protein Whole-Pressed Peanuts is the product resulting from subjecting the whole, sound, mature, clean peanuts, reasonably free from sticks and stems, to pressure for the extraction of oil, and includes the entire peanut less the oil extracted. Standard: It must contain not less than 34 per cent of protein and not more than 24 per cent of crude fiber.

Ground Whole-Pressed Peanuts shall correspond to whole-pressed peanuts as to composition and as to standards and classifications.

*Definitions not adopted by the Association of American Feed Control Officials, Inc.

Rice Products

Rice Bran is the pericarp or bran layer of the rice, with only such quantity of hull fragments as is unavoidable in the regular milling of rice. (Adopted prior to 1928.) Standard: It must contain not less than 11 per cent of crude protein and 10 per cent of crude fat, and not more than 15 per cent of crude fiber.

Rice Polishings is a by-product of rice obtained in the milling operation of brushing the grain to polish the kernel. (Adopted 1938.) Standard: It must contain not less than 11 per cent of crude protein and 6 per cent of crude fat, and not more than 4 per cent of crude fiber.

Rice Hulls is the product consisting of the outer coverings of the rice. (Adopted prior to 1928.)

Rice Meal is ground brown rice or ground rice after the hull has been removed. (Adopted prior to 1928.)

Ground Rough Rice is ground rice from which the hull has not been removed or ground paddy rice. (Adopted prior to 1928.)

Rice Stone Bran is the siftings from the material secured in removing hulls from rice and contains rice germs, broken rice, and some rice hulls. (Adopted prior to 1928.)

Rice Huller Bran is a product secured by the huller and cones from brown rice and consists mostly of the bran and germs. (Adopted prior to 1928.)

Screenings

Screenings consist of a mixture of mill or elevator run materials or a combination of varying amounts of materials obtained in the process of cleaning grain or seed, either or both, such as inferior, light, or broken grain or seed, weed seeds, hulls, chaff, joints, straw, elevator dust, floor sweepings. They must be relatively free of unpalatable or injurious weed seeds, sand, and dirt. They must not contain more than 14 per cent of fiber or more than 6.5 per cent of ash. If they bear a name descriptive of their kind or origin, they must correspond thereto. (Adopted 1935.)

Screenings—Grain consist of inferior, light, or broken grain or seed obtained in the process of cleaning grain or seed or recleaning screenings, either or both. They must be relatively free of weed seeds, chaff, straw, hulls, joints, sand, and dirt, and other foreign materials. If they bear a name descriptive of their kind or origin, they must correspond thereto. (Adopted 1935.)

Screenings Waste or Screenings Refuse is a mixture of materials or a combination of varying amounts of materials obtained in the process of cleaning grain or seed, either or both, or recleaning screenings, such as weed seeds which may be unpalatable or injurious, chaff, hulls, straw,

sticks, joints, elevator dust, floor sweepings, sand, and dirt. (Adopted 1935.)

Scourings consist of such portions of the cuticle, brush, white caps, dust, smut, and other materials as are separated from the grain in the usual commercial process of scouring. (Adopted prior to 1928.)

NOTE—If to any of the wheat by-product feeds there should be added screenings or scourings, as above defined, either ground or unground, bolted or unbolted, such brand shall be so registered, labeled and sold as clearly to indicate this fact. The word "Screenings," or "Scourings," as the case may be, shall appear as part of the name or brand and shall be printed in the same size and face of type as the remainder of the brand name. When the word "Screenings" appears, it is not necessary to show also on the labeling the word "Scourings." (Adopted prior to 1928.)

The crude fiber standards as shown in the definitions for wheat products apply also if screenings are added. (Adopted 1937.)

Sorghum Products

Head Chop is the product consisting of the entire heads of the grain sorghums, chopped, and should bear the name of the sorghum from which it is made. This includes, among others, kafir head chop, milo head chop, feterita head chop, and sorghum head chop. (Adopted prior to 1928.) (See Table 13 for standards.)

Head Stems is the product consisting of the stems from the heads of the grain sorghums after the grain has been removed, and should bear the name of the sorghum from which it is made. (Adopted prior to 1928.)

Soybean Products

Ground Soybeans is the product obtained by grinding whole soybeans without cooking or removing any of the oil. (Adopted 1933.)

----- **Per Cent Protein Soybean Oil Cake** or ----- **Per Cent Protein Soybean Oil Chips** is the product after the extraction of part of the oil by pressure or solvents from soybeans. If a name descriptive of the process of manufacture such as expeller, hydraulic, or solvent extracted, be used, the product must correspond thereto. (Adopted 1937.)

----- **Per Cent Protein Soybean Oil Meal** is ground soybean oil cake or ground soybean oil chips. If a name descriptive of the process of manufacture, such as expeller, hydraulic, or solvent extracted, be used, the product must correspond thereto. (Adopted 1939.)

Wheat Products

Wheat Bran is the coarse outer covering of the wheat kernel as separated from cleaned and scoured wheat in the usual process of commercial milling. (Adopted prior to 1928.) Standard: It must contain not less

than 14.50 per cent of crude protein and 3 per cent of crude fat, and not more than 10 per cent of crude fiber.

Wheat Red Dog is a by-product obtained in the usual commercial process of flour milling, consisting principally of aleurone with small quantities of wheat flour and fine wheat bran particles and must not contain more than 4 per cent of crude fiber. (Adopted prior to 1928.)

Wheat Brown Shorts consists mostly of the fine particles of wheat bran, wheat germ, and very little of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual commercial process of milling. (Adopted prior to 1928.) Standard: It must contain not less than 15 per cent of crude protein and 3.5 per cent of crude fat, and not more than 7.5 per cent of crude fiber.

Wheat Gray Shorts (Total Shorts) consists of the fine particles of the outer bran, the inner bran or bee-wing bran, the germ and the offal, or fibrous material obtained from the "tail of the mill." This product must be obtained in the usual process of commercial milling. (Adopted prior to 1928.) Standard: It must contain not less than 15 per cent of crude protein and 3.5 per cent of crude fat, and not more than 6 per cent of crude fiber.

Wheat White Shorts consists of a small portion of the fine wheat bran particles and the wheat germ and a large portion of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual process of flour milling. (Adopted prior to 1928.) Standard: It must contain not less than 14.5 per cent of crude protein and 3 per cent of crude fat, and not more than 3.5 per cent of crude fiber.

Wheat Mixed Feed consists of wheat bran and the gray or total shorts combined in the proportions obtained in the usual process of commercial milling. (Adopted prior to 1928.) Standard: It must contain not less than 15 per cent of crude protein and 3.5 per cent of crude fat, and not more than 8.5 per cent of crude fiber.

Wheat Low-Grade Feed Flour is a by-product obtained in the usual commercial process of flour milling, consisting principally of wheat flour with small quantities of aleurone and fine wheat bran particles and must not contain more than 1.5 per cent of crude fiber. (Adopted prior to 1928.)

Wheat Chop is the entire berry of sound wheat, chopped. Standard: It must contain not less than 12 per cent of crude protein and 2 per cent of crude fat, and not more than 3 per cent of crude fiber.

Yeast

Yeast is a product composed of living or dead cells of *saccharomyces cerevisiae* with impurities not exceeding commercial grade; it shall contain

at least 45 per cent of protein on the moisture-free basis. (Adopted 1938.)

Irradiated Yeast is yeast which has been subjected to ultra-violet rays in order to increase its antirachitic potency; it shall contain at least 45 per cent of protein on the moisture-free basis. (Adopted 1938.)

(NOTE)—If yeast or irradiated yeast consists of bakers' type yeast, the term "bakers' type" shall precede the word yeast; if it consists of brewers' type yeast, the term "brewers' type" shall precede the word yeast.

Miscellaneous Products

Palm Kernel Oil Meal is the ground residue from the extraction of part of the oil by pressure or solvents from the kernel of the fruit of *Elaeis guineensis* or *Elaeis melanococca*. (Adopted prior to 1928.)

Ground Velvet Bean and Pod is the product derived by grinding velvet beans with the pod. It contains no additional pods or other materials. (Adopted prior to 1928.)

Velvet Bean Meal is ground velvet beans containing only an unavoidable trace of hulls or pods. (Adopted prior to 1928.)

----- **Per Cent Protein Cocoanut Oil Meal** or ----- **Per Cent Protein Copra Oil Meal** is the ground residue from the extraction of part of the oil from the dried meat of the cocoanut. (Adopted prior to 1928.)

Ivory Nut Meal is the ground waste material resulting from the manufacture of buttons and similar articles from the vegetable ivory nut. (Adopted prior to 1928.)

Processed Garbage is composed of dried animal and vegetable waste from garbage collected sufficiently often that harmful decomposition has not set in and separated from materials such as crockery and glass. Its odor must not be suggestive of the presence of decomposition and it must contain less than one per cent of glass. None of it shall contain knife-like or needle-like particles, and the maximum percentage of glass should be stated on the label when present in excess of one-fifth of one per cent. (Adopted prior to 1928.)

Chop is a ground or chopped feed composed of one or more different cereals or by-products thereof. If it bears a name descriptive of the kind of cereals, it must be made exclusively of the entire grains of those cereals. (Adopted prior to 1928.)

Dried Beet Pulp is the dried residue from sugar beets which have been cleaned and freed from crowns, leaves, and sand, and which have been extracted in the process of manufacturing sugar. (Adopted prior to 1928.) ,

Iodized Salt is common salt (NaCl) containing not less than 0.015 per cent of iodine, uniformly distributed. (Adopted 1937.)

Dried Citrus Pulp is the peel, pulp, rag, some seed, and occasional cull fruit of citrus fruit which has been ground, filter-pressed, and dried. It may or may not be partially neutralized with lime, the finished product to contain not more than 0.5 per cent of calcium (Ca). If it bears a name descriptive of the source, it must conform thereto. (Adopted 1939.)

Feeding Cane Molasses is a by-product of the manufacturing of cane sugar from cane and shall contain 48 per cent or more of total sugars expressed as invert sugar. Its solution in an equal weight of water shall test not less than 39.75 degrees Brix. (Adopted 1940.)

Feeding Beet Molasses is a by-product of the manufacture of beet sugar from sugar beets and shall contain 48 per cent or more of total sugars expressed as invert sugar. Its solution in an equal weight of water shall test not less than 39.75 degrees Brix. (Adopted 1941.)

Feeding Corn Sugar Molasses is a by-product of the manufacture of corn sugar from corn and shall contain 48 per cent or more of reducing sugars expressed as dextrose, and shall contain 60 per cent or more of total carbohydrates. Its solution in an equal weight of water shall test not less than 39.00 degrees Brix. (Adopted 1941.)

TENTATIVE DEFINITIONS

These definitions have received favorable consideration, but are not official. They are subject to revision before final adoption.

T-1. Vitamin A and D Feeding Oil is either fish or fish liver oil or a blend of two or more of the following: Vitamin A and/or D concentrate, synthetic vitamin D, fish liver oil, fish oil, marine animal oil, or edible vegetable oil. The vitamin potency shall be stated in A. O. A. C. chick units of vitamin D and U. S. P. units of vitamin A per gram. (Proposed 1939—Amended 1941.)

(Note)—This is an emergency definition and can be used only for the calendar year 1942.

T-2. Vitamin D Feeding Oil is either fish or fish liver oil or a blend of two or more of the following: vitamin D concentrate, synthetic vitamin D, fish liver oil, fish oil, marine animal oil, or edible vegetable oil. The vitamin potency shall be stated in A. O. A. C. chick units of vitamin D per gram. (Proposed 1940—Amended 1941.)

(Note)—This is an emergency definition and can be used only for the calendar year 1942.

T-3. Vitamin A Feeding Oil is either fish or fish liver oil or a blend of two or more of the following: vitamin A concentrate, fish liver oil, fish oil, marine animal oil, or edible vegetable oil. The vitamin potency shall be stated in U. S. P. units of vitamin A per gram. (Proposed 1941.)

(Note)—This is an emergency definition and can be used only for calendar year 1942.

T-4. Fortified Cod Liver Oil is a product consisting of cod liver oil mixed with a small amount of other fish oils or fish oil concentrates or vitamin D, so as to contain not less than 400 A. O. A. C. chick units of vitamin D per gram and shall be labeled with the minimum guaranty in U. S. P. vitamin units of A per gram. If any other oil is so fortified it shall bear a name descriptive of its origin (as Fortified Sardine Oil, Fortified Pilchard Oil, etc.). (Proposed 1937—Amended 1938, 1939, 1940.)

T-5. D Activated Animal Sterol is a product which is obtained by activation of a sterol fraction of animal origin with ultra-violet light or other means. For label identification it may be followed with the parenthetical phrase "Vitamin D." (Proposed 1940—Amended 1941.)

T-6. Animal Liver Meal is the product obtained by drying and grinding liver from slaughtered mammals. This product must contain at least 60 micrograms of riboflavin per gram. (Proposed 1941.)

T-7. Animal Liver and Glandular Meal is the product obtained by drying and grinding liver and other glandular tissue from slaughtered mammals. At least 50 per cent of the dry weight of the product must be derived from liver and the product must contain at least 40 micrograms of riboflavin per gram. (Proposed 1941.)

T-8. Brewers' Dried Grains is the dried solids of extracted barley malt or mixture with other extracted cereal grains and grain products, resulting from the manufacture of wort. (Suggested 1938—Proposed 1940.)

T-9. Malt Sprouts is the product obtained by the removal of the sprouts from malted barley together with the malt hulls, other parts of malt and foreign material unavoidably present. It shall contain not less than 24 per cent of protein. (Proposed 1941.)

T-10. Recleaned Malt Sprouts is the product obtained after the removal of most of the malt hulls from malt sprouts, or the malt sprouts obtained by the first cleaning of malted barley produced in the drum method of malting. It shall contain not more than 2 per cent of malt hulls and not less than 28 per cent of protein. (Proposed 1941.)

T-11. — Per Cent Protein Malt Cleanings is the product obtained from the cleaning of malted barley or from the recleaning of malt which does not meet the minimum protein standard of malt sprouts. (Proposed 1941.)

T-12. Malt Hulls is the product consisting almost entirely of hulls as obtained in the cleaning of malted barley. (Proposed 1941.)

T-13. Flaked Corn is the product obtained by running cracked corn which has been aspirated and properly tempered, over smooth flaking rolls and subsequently dried and cooled. (Proposed 1941.)

T-14. Cotton By-Products Siftings is a product consisting of a mixture of cotton leaves, cottonseed kernels and a small amount of burr and boll obtained from cleaning cotton waste from cotton lint, and shall contain at least 10 per cent of protein and not more than 20 per cent of crude fiber and 10 per cent of ash. (Proposed 1941.)

T-15. Corn Distillers' Dried Grains is the dried residue obtained in the manufacture of alcohol and distilled liquors from corn, or from a grain mixture in which corn predominates. (Proposed 1941.)

T-16. Rye Distillers' Dried Grains is the dried residue obtained in the manufacture of alcohol and distilled liquors from rye, or from a grain mixture in which rye predominates. (Proposed 1941.)

T-17. Corn Distillers' Dried Grains with Solubles is the dried residue obtained in the manufacture of alcohol and distilled liquors from corn, or from a grain mixture in which corn predominates, and contains the major portion of the condensed screened stillage dried therewith. (Proposed 1941.)

T-18. Rye Distillers' Dried Grains with Solubles is the dried residue obtained in the manufacture of alcohol and distilled liquors from rye, or from a grain mixture in which rye predominates, and contains the major portion of the condensed screened stillage dried therewith. (Proposed 1941.)

T-19. Semi-Solid Corn Distillers' Grains with Solubles is the residue from the manufacture of alcohol and distilled liquor from corn, or from a grain mixture in which corn predominates, obtained by condensing to a syrupy consistency the entire stillage contained therein. (Proposed 1941.)

T-20. Semi-Solid Rye Distillers' Grains with Solubles is the residue from the manufacture of alcohol and distilled liquors from rye, or from a grain mixture in which rye predominates, obtained by condensing to a syrup consistency the entire stillage contained therein. (Proposed 1941.)

T-21. Semi-Solid Corn Distillers' Solubles is the product obtained in the manufacture of alcohol and distilled liquors from corn, or from a grain mixture in which corn predominates, by condensing to a syrupy consistency the screened stillage obtained therefrom. (Proposed 1941.)

T-22. Semi-Solid Rye Distillers' Solubles is the product obtained in the manufacture of alcohol and distilled liquors from rye, or from a grain mixture in which rye predominates, by condensing to a syrupy consistency the screened stillage obtained therefrom. (Proposed 1941.)

T-23. Dried Corn Distillers' Solubles is the product obtained by drying Semi-Solid Corn Distillers' Solubles. (Proposed 1941.)

T-24. Dried Rye Distillers' Solubles is the product obtained by drying Semi-Solid Rye Distillers' Solubles. (Proposed 1941.)

T-25. Ground Flaxseed or Flaxseed Meal is the product obtained by grinding flaxseed which has been screened and cleaned of weed seeds and other foreign materials by the most improved commercial process; the final product must contain less than 6 per cent of weed seeds and other foreign materials, and, provided further, that no portion of the stated 6 per cent of weed seeds and other foreign materials shall be deliberately added. (Proposed 1941.)

T-26. ----- Per Cent Protein Linseed Oil Cake or ----- Per Cent Protein Linseed Oil Chips is the product obtained after the removal of part of the oil from ground flaxseed as described above. It shall contain not more than 0.5 per cent of acid insoluble ash. If a name descriptive of the process of manufacture, such as hydraulic, mechanical, or solvent extracted be used, the product must correspond thereto. (Proposed 1941.)

T-27. ----- Per Cent Protein Linseed Oil Meal is finely ground Linseed Oil Cake or finely ground Linseed Oil Chips. (Proposed 1941.)

T-28. ----- Per Cent Protein Linseed Cubes or Pellets, processed through a cubing or pelleting machine, must be firm but not flinty, of sweet odor, free of mold, and when ground must produce Linseed Oil Meal as defined above. (Proposed 1941.)

T-29. Flaxseed Screenings Oil Feed is the ground product obtained after extraction of part of the oil by crushing, cooking, and hydraulic or mechanical pressure, or by crushing, heating and the use of solvents, from the smaller imperfect flaxseed, weed seeds and other foreign materials having feeding value, separated in cleaning flaxseed. (Proposed 1941.)

T-30. ----- Per Cent Protein Linseed Feed is a mixture of Linseed Oil Meal with flaxseed Screenings Oil Feed, or other flaxseed by-products, or both. (Proposed 1941.)

T-31 Flax Plant By-Product is that portion of the flax plant remaining after the separation of the seed, the bast fibre, and a portion of the shives, and consists of flax shives, flax pods, broken and immature flax seeds, and the cortical tissues of the stem. (Proposed 1941.)

T-32. Condensed Whey is the product resulting from the removal of a considerable portion of water from clean, sound cheese or casein whey, either or both. It contains not less than 27 per cent of total solids. (Suggested 1939—Proposed 1941.)

T-33. Condensed Whey ----- Per Cent Solids is the product resulting from the removal of a considerable portion of water from clean, sound cheese or casein whey, either or both. It contains more than 27 per cent of total solids. (Suggested 1939—Proposed 1941.)

T-34. Dried Whey Solubles is the product resulting from the removal of albumen and the partial removal of milk sugar from clean, sound whey, to which no foreign substances have been added except such as are necessary in the manufacture of milk sugar. (Proposed 1941.)

T-35. Condensed Whey Solubles is the product resulting from the removal of albumen and the partial removal of milk sugar from clean, sound whey, to which no foreign substances have been added except such as are necessary in the manufacture of milk sugar. This product shall contain at least 50 per cent of total solids. (Proposed 1941.)

T-36. Dried Milk By-Product is a designation which may be used in the list of ingredients of a mixed feed to indicate the presence of dried skimmed milk, dried buttermilk, or dried whey, or a blend of two or more of these products. (Proposed 1941.)

T-37. Commercial Wheat Germ Meal is a commercial product obtained in the grinding of wheat, composed chiefly of wheat germs together with some bran and middlings or shorts and shall contain not less than 25 per cent of protein and 9 per cent of fat. (Proposed 1941.)

T-38. Wheat Germ Oil Cake is the cake secured in the removal of part of the oil from commercial wheat germs and shall contain not less than 29 per cent of protein. (Proposed 1941.)

T-39. Wheat Germ Oil Meal is ground wheat germ oil cake. (Proposed 1941.)

(Note)—If any wheat or wheat by-product feeds shall be wholly or partly degermed, such products shall be registered, labeled, and sold as to clearly indicate this fact.

T-40. Distillers' Molasses Solubles is the product obtained by drying the residue obtained from the yeast fermentation of molasses after the removal of the alcohol by distillation. (Proposed 1940.)

T-41. Sweet Potato Pulp is the dried residue remaining as a by-product in the process of separation of the starch in its manufacture from sweet potatoes. (Proposed 1938.)

T-42. Ground Peanut Vine Hay is the ground product obtained after the separation of peanuts from peanut vines and contains all or a large portion of the leaves and vines. (Proposed 1941.)

T-43. Ground Peanut Vine Stem Hay is the ground product obtained after the separation of peanuts from peanut vines from which prac-

tically all of the leaves have been removed and only vines and stems remain. (Proposed 1941.)

T-44. Iodized Salt is common salt (NaCl) containing not less than 0.007 per cent of iodine, uniformly distributed. (Proposed 1941.)

MINERAL FEEDS

Mixed feeds containing both feed and more than 5 per cent of mineral ingredients require, in addition to the usual declaration of the chemical feed analysis, a declaration of each ingredient contained therein and the minimum percentages of calcium (Ca), phosphorus (P), iodine (I), and the maximum percentage of salt (NaCl) if same be present. If minerals predominate in the mixture, the usual declaration of the chemical feed analysis, with the exception of protein, may be omitted.

In mineral feeds for which no nutritional properties other than those of a mineral nature are claimed, the usual chemical guaranties need not be declared. A declaration should be made of each ingredient contained therein and the minimum percentages of calcium (Ca), phosphorus (P), iodine (I), and the maximum percentage of salt (NaCl) if same be present.

The mineral ingredients should be stated in the common English terms, if any such terms exist.

RECOGNIZED ENGLISH NAME AND ENGLISH SYNONYM, IF ANY	ARTICLE OR SUBSTANCE INDICATED BY THE NAME AND SYNONYM
Capsicum; Red Pepper	The dried, ripe fruit of any species of Capsicum.
Cupric Sulphate; Copper Sulphate	Crystallized copper sulphate with impurities not exceeding commercial grade.
Ferric Oxide; Red Oxide of Iron	Ferric oxide with impurities not exceeding commercial grade.
Ferrous Sulphate	Crystallized ferrous sulphate with impurities not exceeding commercial grade.
Dextrose	A refined, crystallized sugar obtained chiefly by the hydrolysis of starch or of a starch-containing substance.
Glucose	A syrup obtained by the incomplete hydrolysis of starch or of a starch-containing substance.
Lactose; Milk Sugar	A sugar obtained from cow's milk.
Magnesium Sulphate; Epsom Salts	Magnesium sulphate with impurities not exceeding commercial grade.
Potassium Bitartrate; Cream of Tartar	Potassium bitartrate with impurities not exceeding commercial grade.
Potassium Nitrate; Saltpeter	Potassium nitrate with impurities not exceeding commercial grade.
Sodium Nitrate; Chile Saltpeter	Sodium nitrate with impurities not exceeding commercial grade.

RECOGNIZED ENGLISH NAME AND ENGLISH SYNONYM, IF ANY	ARTICLE OR SUBSTANCE INDICATED BY THE NAME AND SYNONYM
Sodium Bicarbonate	Sodium bicarbonate with impurities not exceeding commercial grade.
Sodium Chloride; Common Salt	Sodium chloride with impurities not exceeding commercial grade.
Sodium Sulphate; Glauber's Salt	Sodium sulphate with impurities not exceeding commercial grade.
Sulphur	Sulphur with impurities not exceeding commercial grade.
Calcium Phosphate	Tricalcium salt of phosphoric acid with impurities not exceeding commercial grade.
Dicalcium Phosphate	Dicalcium salt of phosphoric acid with impurities not exceeding commercial grade.
Bone Ash	The ash obtained by burning bones with free access of air and containing 15.3—16.6% P.
Precipitated Calcium Carbonate; Precipitated Chalk	Precipitated calcium carbonate with impurities not exceeding commercial grade.
Rock Phosphate	Ground phosphate rock of commercial grade.
Phosphatic Limestone	Ground phosphate-containing limestone of commercial grade.
Limestone; Calcite	Ground calcium limestone of commercial grade.
Dolomitic Limestone; Dolomite	Ground calcium-magnesium limestone of commercial grade.
Shell	Ground shells of oysters or of other mollusks.
Oyster Shell	Ground shells of oysters.

(Adopted 1935.)

Mineral feeds must be registered and labeled according to the specifications shown above. During the past year we have analyzed sixty-one samples of mineral feed and the results appear in Table 14.

Table 14. Guaranteed Composition and Analyses of Mineral Feeds, September 1, 1941, to August 31, 1942

(The guaranties are printed in *italics* following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent										Registration or Inspection Number
	Crude Protein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	Calcium (Ca)	Phos- phorus (P)	Iodine (I)	Salt (NaCl)	
Bibb Company, H. T., Fort Worth, Texas. Bibb's Mineral Supplement..... Analysis	----- -----	----- -----	----- -----	----- -----	----- -----	----- -----	20.6 18.0	4.0 3.3	0.038 -----	25.0 38.3	1972U 177T
Brownwood Cotton Oil Mill, Brownwood, Texas. Cotton Bloom Brand Mineral Supple- ment for Livestock..... Analysis	----- -----	----- -----	----- -----	----- -----	----- -----	----- -----	15.8 18.1	3.4 3.1	----- -----	50.0 46.3	310A6 619S
Burrus Feed Mills, Dallas, Texas, and Branches. Texo Vit-A-Plus Brand Mineral Supplement	3.00 11.88	----- -----	----- -----	----- -----	----- -----	----- -----	18.0 14.8	4.2 2.6	0.046 -----	20.0 19.1	2013H4 110T
Carey Salt Company, The, Hutchinson, Kansas. Carey's Mineral Supplement..... Analysis	----- -----	----- -----	----- -----	----- -----	----- -----	----- -----	5.0 4.2	2.0 2.0	0.015 -----	84.0 85.6	1252D 17K
Consolidated Chemical Industries, Inc., Pacific Division, San Francisco, California. Digesta-Bone 5% Protein Special Steamed Bone Meal	5.00 7.08 9.46	0.00 .51 .17	2.00 2.47 1.05	2.00 1.74 2.33	----- 3.10 3.81	----- 85.10 83.18	30.0 32.0 31.2	14.0 14.6 14.1	----- ----- -----	----- ----- -----	1688A 253K 264T
Consolidated Chemical Industries, Inc., Texas Division, Houston, Texas. Texas Lone Star 25% Protein New Process Steamed Bone Meal..... Analysis	25.00 32.86	0.20 .97	3.00 1.04	0.00 1.88	----- 5.28	----- 57.97	19.3 21.7	10.0 10.1	----- -----	----- -----	1718A 13M

Analysis	31.78	.84	1.38	.84	5.09	60.07	22.3	10.5	-----	-----	388M
Analysis	32.06	.92	1.53	1.09	6.29	58.11	21.6	10.1	-----	-----	55T
Analysis	33.44	1.92	1.28	3.22	6.59	53.55	19.2	8.9	-----	-----	83T
Analysis	31.75	.64	2.87	.27	5.04	59.43	22.6	10.4	-----	-----	130T
Cudahy Packing Company, The,											
Los Angeles, California.											
Cudahy's All-Purpose Mineral Feed	3.00	-----	-----	-----	-----	-----	25.0	6.0	0.06	3.0	1608A
Analysis	15.18	-----	-----	-----	-----	-----	26.1	6.6	-----	3.9	1608A
Cudahy's All-Purpose Mineral Feed	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Blox	6.00	-----	-----	-----	-----	-----	15.0	4.5	0.07	30.0	1608B
Analysis	14.54	-----	-----	-----	-----	-----	15.2	4.5	-----	30.6	1608B
Cudahy's Mixer Mineral	-----	-----	-----	-----	-----	-----	30.0	1.5	0.11	3.0	1608C
Analysis	-----	-----	-----	-----	-----	-----	34.1	1.5	-----	3.9	1608C
Economy Hog & Cattle Powder Com-											
pany,											
Shenandoah, Iowa.											
Economy Special Brand Mineral Feed	-----	-----	-----	-----	-----	-----	15.0	2.5	0.0125	-----	30E
for Sheep	-----	-----	-----	-----	-----	-----	16.1	.5	-----	-----	29S
Analysis ^{da}	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Economy Mills,											
Lubbock, Texas.											
Master Brand Min-I-Mix Mineral	-----	-----	-----	-----	-----	-----	15.5	1.5	-----	50.0	1099G5
Mixture	-----	-----	-----	-----	-----	-----	17.8	1.7	-----	49.3	293K
Analysis	-----	-----	-----	-----	-----	-----	28.5	4.0	0.076	-----	1099H1
Master Brand Livestock Mineral	-----	-----	-----	-----	-----	-----	28.9	2.9	-----	-----	387S
Analysis	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Ervine & Bishop,											
Houston, Texas.											
E & B Stock Mineral	-----	-----	-----	-----	-----	-----	25.0	5.5	0.06	15.0	76G3
Analysis ^a	-----	-----	-----	-----	-----	-----	23.5	4.0	-----	13.8	108M
Hardeman-King Company,											
Amarillo, Texas.											
Range Mineral	-----	-----	-----	-----	-----	-----	12.4	2.2	0.019	53.0	847G8
Analysis	-----	-----	-----	-----	-----	-----	14.4	2.7	-----	51.7	847G8
Hi Percent Products Company,											
Topeka, Kansas.											
Hi-Percent Stock Mineral	1.50	-----	-----	-----	-----	-----	15.5	2.5	-----	25.0	308A
Analysis	2.30	-----	-----	-----	-----	-----	19.8	.8	-----	21.0	308A

¹Corn meal found, not claimed.^aNot tagged, but tags furnished. Amount in stock removed from sale until tagged.^dSampled before registration.

Table 14. Guaranteed Composition and Analyses of Mineral Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent										Registration or Inspection Number
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	Calcium (Ca)	Phosphorus (P)	Iodine (I)	Salt (NaCl)	
Houston Packing Company, Houston, Texas.											
20% Protein Raw Bone Meal.....	20.00	3.50	2.00	1.00	-----	-----	18.5	9.6	-----	-----	1765E
Analysis ^{ae}	19.50	4.18	.94	4.31	5.93	65.14	24.3	11.6	-----	-----	487M
Interstate By-Products & Supply Company, Fort Worth, Texas.											
Interstate Raw Bone Meal.....	20.00	0.20	3.00	0.00	-----	-----	19.3	10.0	-----	-----	768B
Analysis.....	27.54	3.04	.90	2.74	6.98	58.80	20.7	9.4	-----	-----	127T
Interstate 20% Protein Steamed Bone Meal.....	20.00	1.00	3.00	0.00	-----	-----	19.3	10.0	-----	-----	768M
Analysis.....	29.10	3.26	1.29	2.27	6.39	57.69	21.1	9.7	-----	-----	5S
Analysis.....	27.32	2.93	1.14	2.04	6.96	59.61	21.8	9.9	-----	-----	105T
Analysis.....	26.03	2.10	1.17	2.53	7.84	60.33	22.5	10.2	-----	-----	240T
Analysis.....	26.51	3.27	2.58	1.34	7.26	59.04	21.3	9.8	-----	-----	541T
Kennedy Company, P. L., Dallas, Texas.											
Mineral Mixture.....	3.30	-----	-----	-----	-----	-----	11.0	0.6	-----	59.0	1390A
Analysis.....	3.64	-----	-----	-----	-----	-----	11.6	.8	-----	59.8	1390A
Lamkin Brothers, Brownwood, Texas.											
Giltedge Brand Mineral Mixture.....	-----	-----	-----	-----	-----	-----	14.0	1.0	-----	58.0	1822N
Analysis.....	-----	-----	-----	-----	-----	-----	15.4	.6	-----	58.4	51S
Analysis.....	-----	-----	-----	-----	-----	-----	15.9	.7	-----	55.0	512S
Analysis.....	-----	-----	-----	-----	-----	-----	15.6	.7	-----	55.3	620S
Analysis.....	-----	-----	-----	-----	-----	-----	15.5	.5	-----	56.7	494T
Lawther Mills, W. J., Dallas, Texas.											
Sure-Nuff Brand Mineral Mixture for Dairy Cows.....	-----	-----	-----	-----	-----	-----	17.4	2.5	-----	40.0	1268B1
Analysis.....	-----	-----	-----	-----	-----	-----	18.7	2.7	-----	39.0	316T

Light Grain & Milling Company, The, Liberal, Kansas.												
Mineral Feed							16.9	1.3		50.0	152Y	
Analysis ^a							20.1	1.8		44.5	95K	
Martin-Lane Company, Vernon, Texas.												
Martin's Crown Quality Brand Mineral							15.8	2.5	0.026	6.8	1902B5	
Feed containing Yeast	4.20						21.8	2.1		6.0	215T	
Analysis	3.99						21.5	1.9		5.7	306W	
Analysis	4.02											
Martin's Crown Quality Brand Range							17.4	2.0	0.03	5.0	1902B6	
Mineral Feed							24.2	1.8		7.2	512W	
Analysis												
May Manufacturing Company, Lubbock, Texas.												
May-Lac Mineral Supplement	5.40						21.5	4.0	0.167		1713A	
Analysis	12.84						24.8	4.1			227S	
Mayfield Feed & Grain Company, Dalhart, Texas.												
Texacream Brand Mineral Mixture							17.2	2.6		45.0	1530R	
Analysis							19.1	2.1		46.9	247K	
Moore Grain Company, F. B., Hamlin, Texas.												
Moore's Special Mineral Mixture							7.6	1.0		75.0	711A	
Analysis							5.7	1.0		78.3	61S	
Nelson Grain Company, Inc., Claude, Texas.												
Mineral Supplement	6.20						13.8	2.5		49.0	1830L	
Analysis	6.90						15.0	2.5		50.7	1830L	
Park, Inc., Philip E., San Pedro, California.												
Manamar	42.00	3.80	3.00	13.00			4.2	1.3	0.04		2025A	
Analysis	44.46	5.34	2.25	12.50	6.79	28.66	7.5	2.3			128T	
Analysis ^a	43.45	6.68	1.80	13.87	8.00	26.20	6.6	2.0			95W	
Manamar	40.00	3.00	5.00	12.00			3.0	1.5	0.031		2025A	
Analysis	42.88	4.09	3.32	16.95	12.33	20.43	3.5	2.1			589S	
Perryton Equity Exchange, Perryton, Texas.												
Equity Brand Mineral Feed							16.9	1.3		50.0	2355V	
Analysis							21.1	1.8		44.2	251S	

^aNot tagged, but tags furnished. Amount in stock removed from sale until tagged.

^cRegistration adjusted.

Table 14. Guaranteed Composition and Analysis of Mineral Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent										Registration or Inspection Number
	Crude Protein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	Calcium (Ca)	Phos- phorus (P)	Iodine (I)	Salt (NaCl)	
Peyton Packing Company, El Paso, Texas.											
Peyton's 23% Protein Raw Bone Meal	23.00	2.50	2.00	0.00	—	—	21.4	10.9	—	—	1564B
Analysis	25.75	5.79	.92	2.09	5.38	60.07	22.7	10.6	—	—	219K
Analysis	25.46	5.03	.74	1.86	5.94	60.97	23.0	10.7	—	—	172S
Puritan Laboratories, Inc., Des Moines, Iowa.											
Middleton's "Min-A-Lak" Mineral Supplement with Yeast	3.00	—	—	—	—	—	18.1	3.4	0.02	8.0	815C
Analysis	5.47	—	—	—	—	—	19.7	2.4	—	5.4	103K
Analysis	7.64	—	—	—	—	—	18.9	2.7	—	6.0	V
Roddie & Company, Brady, Texas.											
Roddie's Mineral Mixture	—	—	—	—	—	—	14.2	2.4	—	49.0	2556P
Analysis	—	—	—	—	—	—	14.8	3.3	—	53.1	566S
San-Tex Mineral Company, San Angelo, Texas.											
Chemi-Cal-Phos Brand Mineral	—	—	—	—	—	—	28.0	14.0	—	—	1874B
Analysis ^{ee}	—	—	—	—	—	—	30.3	12.9	—	—	645S
Swift & Company, Chicago, Illinois, and Branches.											
Swift's 25% Protein Feeding Raw Bone Meal	25.00	0.60	3.00	0.00	—	—	19.3	10.0	—	—	270O
Analysis	27.35	5.35	.83	2.84	7.35	56.28	21.4	10.0	—	—	291K
Analysis	26.95	5.71	.68	2.58	6.87	57.21	21.8	9.9	—	—	243T
Analysis	26.54	6.04	2.52	.08	6.81	58.01	21.6	9.7	—	—	251T
Texas Stockmen's Supply Company, San Angelo, Texas.											
Mineral Mixture	—	—	—	—	—	—	9.3	1.0	—	50.0	1043A
Analysis	—	—	—	—	—	—	10.0	1.5	—	45.1	498S

Fidwell Fuel & Feed Company, El Paso, Texas.											
Spent Bone Black							28.0	14.0			662C8
Analysis							34.5	14.5			490S
Transit Grain & Commission Company, Port Worth, Texas.											
Vit-A-Way Brand Mineral Fortifier							27.5	6.0	0.076		1839D5
Analysis							29.3	5.4			34T
Analysis							27.9	5.8			188T
Analysis							29.0	5.5			389T
Watkins Company, The J. R., Winona, Minnesota.											
Watkins Mineral Compound for Hogs							24.8	4.6	0.08	6.0	1652A
Analysis							25.9	4.4		6.6	1652A
Watkins Mineral Compound for Poultry							26.1	3.9	0.08	10.0	1652B
Analysis							26.8	4.0		11.2	1652B
Watkins Mineral Compound for Stock							26.1	4.9		9.5	1652C
Analysis							24.1	5.0		10.2	1652C

*Not tagged, but tags furnished. Amount in stock removed from sale until tagged.

*Registration adjusted.

RESOLUTIONS ADOPTED BY THE ASSOCIATION OF AMERICAN FEED CONTROL OFFICIALS, INC.

The following resolutions have been adopted by the Association of American Feed Control Officials, Inc.:

Resolved, That it is the sense of this Association that we understand the term "Nitrogen-free Extract" to cover the product indicated by the percentage obtained by subtracting from 100 per cent the sum of the percentages of Ash, Moisture, Protein, Fat, and Fiber; (Adopted prior to 1923.)

Resolved, That the term "Carbohydrates" be interpreted to cover the product indicated by the percentage obtained by the addition of the percentages of crude fiber and nitrogen-free extract; (Adopted prior to 1923.)

Resolved, That it is the sense of this Association that a ton of feed be 2,000 pounds, net; (Adopted prior to 1923.)

Resolved, That this Association go on record as opposing the use of second-hand bags unless they are turned wrong side out so that the original stenciling will not be displayed; (Adopted prior to 1923.)

Resolved, That this Association go on record to the effect that the term "cracked corn" does not apply to degermed cracked corn; (Adopted prior to 1923.)

Resolved, That this Association go on record as condemning the practice of packing feeding stuffs in bags containing 99 pounds net and billing and charging for 100 pounds net; (Adopted 1923.)

Resolved, That it is the sense of this Association that no product sold under a trade or proprietary name be recognized for the purpose of formulating definitions, standards, etc.; (Adopted 1927.)

Resolved, That all mixtures containing mineral ingredients generally regarded as dietary factors essential for the normal nutrition of animals and which are sold or represented for the primary purpose of supplying these minerals as additions to rations in which these same mineral factors may be deficient, be classified as mineral feeds;

Resolved, That all other preparations which are sold or represented primarily for the cure, mitigation, or prevention of disease be classified by this Association as drugs, medicines, or specifics; (Adopted 1926.)

Resolved, (a) That it is the sense of this Association that the names of feed materials or their combinations must not be misleading as to the kind, character, and nature of the material or materials;

(b) That the name of each feed material should be stated in its simplest form and in the common English term, if such term exists, omitting all superfluous or ambiguous words;

(c) That if a descriptive name is used, the material must correspond thereto; (Adopted 1930.)

Resolved, That this Association go on record as disapproving the use of artificial colors in the manufacture of feedstuffs, excepting use of a Federal F. D. & C.* certified dye or dyes solely to indicate the distribution of a valuable ingredient or ingredients. The dye or dyes shall not affect the natural color of the treated feedstuff. (Adopted 1931—Amended 1939.)

Resolved, That any material sold primarily as a vitamin D supplement for poultry shall be labeled with a minimum guarantee of vitamin D potency expressed as Association of Official Agricultural Chemists' chick units of vitamin D per gram, determined according to the tentative procedure adopted by the Association of Official Agricultural Chemists, and assuming that one U. S. P. unit of vitamin D in the U. S. Pharmacopoeia "Reference Cod Liver Oil" equals one Association of Official Agricultural Chemists' chick unit. (Adopted 1933; Amended 1935, 1936.)

Resolved, That no tentative definition be used until adopted as official, unless in accord with the specific action of this Association. (Adopted 1933.)

Resolved, That the Association of American Feed Control Officials, Inc., request the cooperation of all recognized feed manufacturing associations in submitting for approval any contemplated changes in definitions of feeding stuffs which in any way conflict with the official definitions as adopted by this organization.

It is also requested that wherever practicable any existing conflicting definitions be changed to conform to the official definitions. (Adopted 1934.)

Whereas, Many States which have adopted the Association's definitions for cottonseed products require that a guarantee of crude fat and crude fiber content in cottonseed meal be made, therefore, for the sake of uniformity of labels and registration, and in such cases where there is no conflict with existing feed laws,

Be it Resolved, That the following guarantee of crude fat and crude fiber be recommended:

	Crude Fat Not less than	Crude Fiber Not more than
For 36 % Protein Cottonseed Meal	4.50 %	16.00 %
For 41 % Protein Cottonseed Meal	5.00 %	13.00 %
For 43 % Protein Cottonseed Meal	5.20 %	12.00 %

(Adopted 1934.)

*Food, Drug, and Cosmetic.

Since the term "carbohydrates" is misleading and combines a maximum guarantee of crude fiber with a minimum guarantee of nitrogen-free extract,

Be it Resolved, That the use of the term "carbohydrates" on the uniform registration blank and uniform tags be discontinued. (Adopted 1935.)

Resolved, That it is the sense of this Association that when water is added in the preparation of canned foods for domestic animals, the word "water" shall be listed as an ingredient. (Adopted 1938.)

Whereas, Many States which have adopted the Association's definitions for peanut products require that a guarantee of crude fat and crude fiber content in peanut oil meal be made, therefore, for the sake of uniformity of labels and registration, and in such cases where there is no conflict with existing feed laws,

Be it Resolved, That the following guarantees of crude fat and crude fiber be recommended:

	Crude Fat	Crude Fiber
	Not less than	Not more than
For 41 % Protein Peanut Oil Meal	5.00 %	15.00 %
For 45 % Protein Peanut Oil Meal	5.50 %	12.00 %
For 48 % Protein Peanut Oil Meal	6.00 %	10.00 %

(Adopted 1939—Amended 1941.)

Resolved, That the same feeds in pellet and in meal form shall not be charged more than one registration fee. (Adopted 1939.)

Resolved, When feeding stuffs carry label information on both tag and bag, there shall be no difference with respect to name, ingredients and guaranteed composition. (Adopted 1939.)

Resolved, That this Association go on record as condemning the use of the word "vitamin" or a contraction thereof, or any word suggesting vitamin in a brand name of a feed, and as opposing the acceptance of registrations of feeds under names which are in conflict with this resolution excepting for materials represented solely to be vitamin supplements. Such supplementary material shall be labeled as prescribed by this Association. (Adopted 1939.)

Be it Resolved, That urea and ammonium salts of carbonic acid are acceptable ingredients in proprietary cattle, sheep and goat feeds only; that these materials shall be considered to be adulterants in proprietary feeds for other animals and birds; that the protein equivalent of combined urea and ammoniacal nitrogen be no greater than one-third of the total crude protein nitrogen; and that the following statement of guar-

antee of crude protein for feeds containing these materials be recommended:

Crude Protein, not less than _____ per cent.

(This includes _____ per cent equivalent crude protein from non-protein nitrogen.) (Adopted 1940.)

TENTATIVE GUARANTIES FOR FEEDS AND ANALYSES FOR CALCULATION PURPOSES

Table 15 shows tentative guaranties for the convenience of manufacturers in registering feeding stuffs for sale in Texas and also analyses which can be used in calculating guaranties of mixed feeds. There will be no objection if manufacturers wish to register under better guaranties if the quality of the feeds justify this action. It is to be understood, however, that manufacturers are responsible for their guaranties and that the Division of Feed Control Service accepts no responsibility for feeds failing to meet the guaranties.

Table 15. Tentative Guaranties and Analyses

Name of Feed	Crude Protein not less than Per Cent	Crude Fat not less than Per Cent	Crude Fiber not more than Per Cent	Nitrogen- free Ex- tract not less than Per Cent
Chopped Alfalfa.....	13.00	1.50	33.00	35.00
Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00
Alfalfa Meal.....	13.00	1.50	33.00	35.00
Alfalfa Stem Meal.....	9.00	0.80	40.00	30.00
Whole Barley Chop.....	11.00	1.50	6.00	65.00
Hulled Barley.....	10.00	2.50	2.50	72.00
Dried Beet Pulp.....	8.00	0.50	22.00	52.00
Blood Meal.....	80.00	1.00	2.00	3.00
Raw Bone Meal.....	23.00	2.00	5.00	0.00
Special Steamed Bone Meal.....	5.00	0.00	3.00	4.00
Brewers' Dried Grains.....	21.00	6.00	18.00	40.00
Buckwheat.....	10.00	2.50	10.00	62.00
Dried Buttermilk.....	32.00	5.00	1.00	35.00
Cocanut Oil Meal.....	20.00	6.00	12.00	40.00
Corn Bran.....	8.00	5.00	12.00	60.00
Corn Chop.....	9.00	3.50	3.00	70.00
Ear Corn Chop.....	8.20	3.20	8.00	64.00
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00
Corn Cobs.....	2.00	0.50	34.00	50.00
Corn Feed Meal.....	8.00	3.00	3.00	67.00
Corn Germ Meal.....	18.00	7.00	9.00	50.00
Corn Gluten Feed.....	23.00	2.50	7.00	50.00
Corn Gluten Meal.....	40.00	1.00	4.00	40.00
Cotton Burs.....	8.00	2.00	30.00	44.00
45% Protein Cottonseed Cake.....	45.00	6.00	10.00	22.00
43% Protein Cottonseed Cake.....	43.00	5.20	12.00	23.00
41% Protein Cottonseed Cake.....	41.00	5.00	12.00	25.00
Cottonseed Chop.....	20.00	17.00	20.00	25.00
41.12% Protein Cottonseed Feed.....	41.12	5.00	14.00	26.00
38.56% Protein Cottonseed Feed.....	38.56	5.00	18.00	27.00

Table 15. Tentative Guaranties and Analyses—Continued

Name of Feed	Crude Protein not less than Per Cent	Crude Fat not less than Per Cent	Crude Fiber not more than Per Cent	Nitrogen- free Ex- tract not less than Per Cent
36% Protein Cottonseed Feed	36.00	5.00	22.00	28.00
Cottonseed Hulls	4.00	0.70	44.00	40.00
45% Protein Cottonseed Meal	45.00	6.00	10.00	22.00
43% Protein Cottonseed Meal	43.00	5.20	12.00	23.00
41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00
28% Protein Whole-Pressed Cottonseed	28.00	6.00	23.00	29.00
25% Protein Whole-Pressed Cottonseed	25.00	6.00	25.00	29.00
Emmer Chop	11.00	1.50	10.00	63.00
Feterita Chop	11.00	2.80	3.00	69.00
Feterita Head Chop	10.00	2.50	8.00	64.00
Feterita Head Stems	5.00	1.00	25.00	53.00
Feterita Heads, Stalks and Stems	7.00	2.00	20.00	55.00
Fish Meal	60.00	5.00	1.00	1.00
Flax Plant By-Product	8.00	4.00	35.00	35.00
Flaxseed	22.00	32.00	7.00	23.00
South Texas Prairie Hay	4.00	2.00	30.00	47.00
Hegari Chop	10.00	2.50	3.00	70.00
Hegari Head Chop	8.50	2.50	8.00	65.00
Hegari Head Stems	5.00	1.00	25.00	53.00
Hegari Heads, Stalks and Stems	7.00	2.00	20.00	55.00
Hominy Feed	10.00	5.00	7.00	60.00
Kafir Chop	10.00	2.50	3.00	70.00
Kafir Head Chop	8.50	2.50	8.00	65.00
Kafir Head Stems	5.00	1.00	25.00	53.00
Kafir Heads, Stalks and Stems	7.00	2.00	20.00	55.00
34% Protein Linseed Meal	34.00	6.00	9.00	35.00
32% Protein Linseed Meal	32.00	6.00	9.00	35.00
Meat and Bone Scraps	50.00	6.00	3.00	0.00
Mesquite Beans with Pod	12.50	2.00	27.50	48.00
Dried Skimmed Milk	34.00	0.20	0.00	50.00
Millet Seed	11.00	4.00	10.00	57.00
Milo Chop	10.00	2.50	3.00	70.00
Milo Head Chop	8.50	2.50	8.00	65.00
Milo Head Stems	5.00	1.00	25.00	53.00
Milo Heads, Stalks and Stems	6.50	1.90	20.00	55.00
Beet Molasses	3.50	0.00	0.00	59.00
Cane Molasses	2.40	0.00	0.00	65.00
Clipped Oat By-Product	6.00	2.00	30.00	35.00
Whole Oat Chop	11.00	4.00	12.00	58.00
Oat Groats	16.00	6.00	1.50	65.00
Oat Hulls	3.00	1.00	30.00	51.00
Oat Meal, Feeding	14.50	6.00	4.00	60.00
Oat Mill Feed	6.00	2.00	26.00	50.00
Oat Shorts, or Middlings	15.00	6.00	1.00	65.00
Oat Straw	3.50	2.30	36.80	40.50
45% Protein Peanut Cake	45.00	6.00	10.00	23.00
43% Protein Peanut Cake	43.00	6.00	12.00	23.00
Peanut Hay	10.00	3.50	24.00	44.00
Peanut Hay with Nuts	12.00	12.00	25.00	30.00
Peanut Hulls	8.00	1.50	55.00	25.00
Peanut Kernels	26.00	44.00	3.00	17.00
45% Protein Peanut Meal	45.00	6.00	10.00	23.00
43% Protein Peanut Meal	43.00	6.00	12.00	23.00
36% Protein Whole-Pressed Peanuts	36.00	6.00	22.00	20.00
34% Protein Whole-Pressed Peanuts	34.00	6.00	24.00	20.00
Canadian Peas	24.00	1.20	5.00	55.00
Cleaned Rice	9.00	1.00	1.00	77.00
Rough Rice	7.00	1.80	10.00	63.00
Rice Bran	11.00	10.00	15.00	42.00
Rice Hulls	3.00	0.50	36.00	30.00
Rice Polishings	11.00	6.00	4.00	55.00
Rice Screenings	9.00	3.00	6.00	50.00

Table 15. Tentative Guaranties and Analyses—Continued

Name of Feed	Crude Protein not less than Per Cent	Crude Fat not less than Per Cent	Crude Fiber not more than Per Cent	Nitrogen- free-Ex- tract not less than Per Cent
Rye Chop.....	10.00	1.50	2.00	72.00
Soybean Oil Meal.....	41.00	6.00	6.00	28.00
Sunflower Seed.....	16.00	21.00	30.00	21.00
Digester Tankage.....	60.00	5.00	3.00	0.00
Velvet Bean Meal.....	22.00	4.50	4.00	51.00
Velvet Beans with Pod.....	17.00	3.50	17.00	48.00
Wheat Bran.....	14.50	3.00	10.00	50.00
Wheat Chop.....	12.00	2.00	3.00	70.00
Wheat Low-Grade Feed Flour.....	14.00	1.50	1.50	70.00
Wheat Red Dog Flour.....	15.00	2.50	4.00	65.00
Wheat Germ.....	30.00	10.00	2.50	45.00
Wheat Mixed Feed.....	16.00	3.50	8.50	52.00
Wheat Screenings.....	12.50	2.50	6.00	65.00
Wheat Brown Shorts.....	17.50	4.50	7.50	53.00
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00
Wheat White Shorts.....	14.50	3.00	3.50	60.00
Wheat Straw.....	3.00	1.40	37.90	44.00

PURPOSE OF THE TEXAS FEED LAW

The purpose of the Texas Feed Law is to afford protection to manufacturers and purchasers of feeding stuffs in the State of Texas.

Through the rigid enforcement of the law the Division of Feed Control Service furnishes protection against adulterated feed, which has caused many low-grade feeds to be withdrawn from the market. Consumers have become better acquainted with the value of various materials used for feeding animals, and they are enabled to purchase feeds more profitably than before the feed law was enacted. By comparing the ingredients, analyses, and prices of various feeds, the purchaser is enabled to determine for himself which feeding stuff is best suited for his particular need. If he should have any difficulty in this regard, he may write to the Division for additional information.

The honest manufacturer of feeding stuffs is protected by the development and impartial enforcement of uniform standards and definitions which have a tendency to eliminate unfair competition. Every manufacturer is expected to comply with the law, not only for the sake of compliance, but because in the long run it is the wiser course. The manufacturer who habitually complies with the law has the confidence of the consumers of the feed and the public in general and avoids the unnecessary expense and the unsavory reputation incident to prosecution for violation.

The following summary of the Texas Feed Law is given for the information of those who are not thoroughly familiar with its provisions:

CHIEF REQUIREMENTS OF THE TEXAS FEED LAW

1. (a) Feeding stuffs covered by the law:

All materials offered or exposed for sale, or distributed or sold for feeding purposes except those especially excluded.

(b) Feeding stuffs not covered by the law:

Hay and straw, whole seeds or grains of wheat, barley, rye, oats, Indian corn, rice, buckwheat, or broom corn; any other whole or unground grains or seeds.

2. Statements to be printed on official tags securely attached to bags:

- (a) Net weight of package.
- (b) Name of feeding stuff.
- (c) Name and address of manufacturer or importer.
- (d) Place of manufacture.
- (e) Minimum percentage of crude protein.
- (f) Minimum percentage of crude fat.
- (g) Minimum percentage of nitrogen-free extract.
- (h) Maximum percentage of crude fiber.
- (i) Names of ingredients (if a mixed feed).
- (j) Percentage of each ingredient when rice hulls, peanut hulls, corn cobs, oat hulls, cottonseed hulls, or similar substances are present in a mixed feed.

A copy of the Texas Feed Law will be sent to interested persons on request.

RULINGS UNDER THE LAW

The Director of the Texas Agricultural Experiment Station is empowered to adopt such regulations as may be necessary for the enforcement of the Texas Feed Law. In accordance with this provision, regulations have been promulgated and printed in Circular No. 58, Revised, a copy of which will be gladly furnished upon request.

REFUNDS

The Texas Feed Law makes no provision for the payment of refunds to cover deficiencies and although this practice often shows the good intention of the manufacturer, the payment of such refunds will have no bearing on any subsequent action which may be taken in case of violation of the law. The law does not contemplate that the purchaser of a feeding stuff should be required to have an analysis made in order to secure protection. When refunds are paid, manufacturers should always notify the Division to this effect so that proper credit may be given in the table of inspection results, and dealers will be required to prorate them to the purchasers so that the consumers may receive the benefit.

The amount of refund to be paid may be found by dividing the cost per ton by the protein guaranty which will give the cost of 1 per cent of protein. Multiply the result found by the per cent of deficiency and then multiply this figure by the total number of tons purchased.

Example: A shipment consisting of thirty tons of 43 % Protein Cottonseed Meal is purchased for \$38.00 per ton. The deficiency in protein is 2 per cent. What is the amount of refund due?

$$\begin{array}{r} 38.00 \\ \hline 43 \end{array} \times 2 \times 30 = \$52.98$$

If a refund has been paid during the past year by any given manufacturer and Table 18 does not show this fact, it is because the manufacturer did not notify us that refund had been paid. The payment of refunds never fully remunerates the consumer for being furnished feed which is deficient in valuable nutrients, and manufacturers are advised to be certain in advance that shipments are up to the guaranty in every respect.

CONTROL OF INTERSTATE SHIPMENTS

In enforcing the law the State has the cooperation and assistance of the United States Department of Agriculture as regards adulterated and misbranded interstate shipments. We have received a commission from the United States Department of Agriculture to collect samples of interstate shipments of feed and practically all such shipments showing a deficiency and adulteration are sampled, not only under the Texas Feed Law, but also under the Federal Food, Drug, and Cosmetic Act of 1938. The Federal samples are either analyzed under the direction of Dr. G. S. Fraps, Collaborating Chemist, or forwarded to the Food and Drug Administration Laboratory at New Orleans, Denver, St. Louis, or Washington. The Federal government prosecutes many of the manufacturers of these feeds, but this does not preclude legal action by the Texas Feed Control Service if considered necessary for the protection of Texas consumers.

Cooperation with the Food and Drug Administration of the Federal Security Agency has been continued and thus control exercised over interstate shipments of feed as protection to Texas purchasers.

SHIPMENTS WITHDRAWN FROM SALE

All dealers are advised to withdraw from sale shipments of feed which they know do not conform to the requirements of the Texas Feed Law, until such time when they can be legally sold. The dealer is directly responsible if feed in his possession fails to meet the requirements of the law and the same penalty attaches to exposing or offering for sale any unlabeled feed as for selling the same. The dealer should always be a law-abiding citizen and voluntarily withdraw from sale all untagged

shipments and those which he knows or suspects are adulterated or misbranded and then write to the Division of Feed Control Service for instructions and its cooperation.

Table 16. Shipments Withdrawn from Sale

No. of Shipments Withdrawn from Sale	No. of Manufacturers Represented	Reasons for Withdrawal from Sale	Amount Withdrawn, Tons
457	198	Not tagged	1,162.35
73	46	Deficient in crude protein	454.90
26	21	Wrong tags attached	84.85
32	21	Incorrectly printed tags attached	82.90
35	27	Not registered and not tagged	82.00
18	11	Excess crude fiber	67.70
4	4	Short weight	58.55
41	28	Obsolete tags attached	54.20
10	3	Blank tags attached	24.00
6	5	Defaced tags attached	13.65
1	1	Not registered and incorrectly printed tags attached	7.50
15	8	Tags of wrong denomination attached	7.40
1	1	Adulterated	6.90
1	1	Illegible and incorrectly printed tags attached	5.50
3	2	Not registered and defaced tags attached	4.35
1	1	Deficient in protein and off quality	2.85
3	3	Not tagged and illegal weight	2.54
1	1	Not tagged and short weight	.75
1	1	Adulterated and short weight	.70
1	1	Obsolete and incorrectly printed tags attached	.60
1	1	Musty odor and partly decayed	.25
731	385	Total	2,124.44

Table 16 shows the summary of the feeds withdrawn from sale during the year ended August 31, 1942, and gives the number of shipments withdrawn, the amounts, and the special reasons for their withdrawal from sale. It also shows the number of manufacturers represented. The amount withdrawn from sale was only about 0.09 per cent of the estimated tonnage sold during the year.

Shipments found untagged by the inspectors were required to be labeled with tags furnished by the manufacturers. Improperly labeled shipments were relabeled with official tags properly printed, or with tags showing guaranties that could be maintained, and, in still other cases, shipments were returned to the manufacturer. The sales of goods below guaranties were adjusted, in practically all instances, by manufacturers paying refunds to dealers and consumers when the deficiencies were sufficient to warrant such action. In all cases when refunds were made to dealers, the dealers were advised to prorate the same among their customers, in so far as possible, so that the ultimate consumer would receive its benefit. Attention is directed to special information on page 70 regarding refunds.

VIOLATIONS

Seventeen State cases were developed against manufacturers selling feed in this State in violation of the provisions of the Texas Feed Law. Sixteen of these cases were terminated by payment of fines and costs and one case was placed in abeyance pending future compliance with the law.

Six hundred and ninety minor complaints were adjusted through correspondence, together with the assistance of the inspectors. These complaints consisted of untagged shipments of feed; improperly labeled shipments; incorrectly printed tags attached to packages of feed; short weights; deficiency in crude protein; excess of crude fiber, and other minor irregularities.

During the year covered by this report a Federal case was developed against a manufacturer shipping feed into this State in violation of the Food, Drug, and Cosmetic Act of 1938. The necessary evidence was transmitted to Federal authorities for legal action.

COOPERATIVE RESEARCH PROJECTS

Results of some of the work on the cooperative research projects have been presented on the preceding pages. They include the vitamins A and D content of fish liver oils; carotene in alfalfa meals; work on flourine which developed adulteration of bone meals with ground rock phosphate; salt and calcium carbonate in mixed feeds; the hardness of cottonseed cake, and samples tested for poisons or other harmful substances.

Allotments of funds of the Division of Feed Control Service for research projects to assist in proper and adequate administration of the Texas Feed Law have been made to the following Divisions of the Texas Agricultural Experiment Station:

Division of Chemistry

- Chemical Analyses and Investigations of Commercial Feeds
- Vitamins in Commercial Feeds

- Relation of Soil Composition to Plant and Animal Nutrition

Division of Dairy Husbandry in Cooperation with the Department of Dairy Husbandry, A. & M. College

- High Versus Low Protein Rations for Lactating Dairy Cows

Division of Farm and Ranch Economics in Cooperation with Substation No. 20

- Land Use Adjustment in the West Cross Timbers Region

Division of Poultry Husbandry

- Quality in Turkeys as Affected by Nutrition, Environment and Breeding

- Protein Requirements for Chick Rations

- Pullet Development Rations, Particularly as Differentiated from Brooder Rations

- Carotene Destroying Power of Feed

The Effect of Practices Followed by Producers, Buyers, Distributors, and Consumers Upon Market Returns to Turkey Producers
Division of Swine Husbandry

A Study of Amino Acids in Cottonseed and Cottonseed Meal
Division of Veterinary Science

Testing Manufactured Feed Samples for Poisons or Other Harmful Substances

Poultry Disease Investigation

PROTEIN CONTENT OF COTTONSEED PRODUCTS SOLD IN TEXAS

Table 17 shows the minimum, maximum, and average content of crude protein in the cottonseed products inspected during the year ended August 31, 1942. It will be noticed that in many instances the minimum percentage of protein is much less than the guaranty. Whenever the guaranty is not maintained, the provisions of the Texas Feed Law have been violated although the average per cent of crude protein may exceed the amount guaranteed.

RESULTS OF ANALYSES

Tables 14 and 18 contain a detailed report of the results obtained in the inspection of feeds during the season of 1941-42. In these tables will be found the analyses of all the official samples taken by the inspectors, together with the analyses of many samples of feed sent in by manufacturers for registration during the year ended August 31, 1942. Consumers and agents are advised to study this table and purchase from and represent companies which ship feed according to law.

The footnotes at the bottom of the pages refer to matters of importance in connection with the feeds designated, and we advise that they be carefully considered.

SUMMARY

This Bulletin contains a report of the inspection of feeding stuffs sold in the State of Texas during the year which ended August 31, 1942.

In addition to definitions of terms used in reporting analyses of feeding stuffs there is a table showing the average composition of the feeds inspected during the year and also one showing the digestible protein and productive energy of feeds.

A table is given showing the minimum, maximum, and average crude protein content of cottonseed products inspected during the season 1941-42.

Table 3 shows the estimated tonnage of feed sold in Texas yearly during the past thirty-six years as computed from the sale of inspection tags.

The biological assays of fish liver oils and fortified fish liver oils sampled are given in Tables 4 and 5.

Reference is made to the hardness of cottonseed cake and a table is given showing the crushing strength of several samples of cottonseed cake sold for feeding purposes.

Suggestions are given to purchasers of feed which should aid them in securing the kind of feed desired and buying feed which comes up to the representations of the manufacturers.

The chemical standards for various by-products and special-purpose mixed feeds are given in Table 13.

This Bulletin also contains the definitions of simple feed commodities as adopted by the Division of Feed Control Service and Association of American Feed Control Officials, Inc.

A table is given showing tentative guaranties for feed for the convenience of manufacturers in registering feeding stuffs for sale in Texas, and also analyses which can be used in calculating guaranties of mixed feeds.

A table is given showing the carotene contents of a few feeds on the Texas market.

Table 12 shows the average retail prices of feeds per ton in each of seven districts, the average retail price for the State, and also the average retail cash selling price for the year.

Tables 9 and 10 show the analyses of samples of salt and lime carriers found in the open markets of the State.

Information is given showing that in quite a few of the inspection samples of mixed feeds the guaranties of salt and carbonate of lime were not met in all cases.

The purpose of the Texas Feed Law is explained and a summary of the law is given. Mention is made of regulations promulgated under the provisions of the Texas Feed Law and information is given concerning the payment of refunds and the control of interstate shipments.

Table 16 shows the shipments withdrawn from sale and the reasons for taking this action.

A list is given of the cooperative research projects carried on during the past year and supported by Division of Feed Control Service funds.

Tables 14 and 18 given a detailed report of the results obtained in the inspection of feeding stuffs during the year ended August 31, 1942.

Table 17. Minimum, Maximum and Average Crude Protein Content of Cottonseed Products, September 1, 1941, to August 31, 1942

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Alamo Cotton Oil Mill, San Antonio, Texas. Cotton Bloom Brand 43% Protein Cotton- seed Cake -----	-----	-----	44.59	1
Cotton Bloom Brand 43% Protein Cotton- seed Meal -----	41.45	42.27	41.78	3
Alice Cotton Oil Company, Alice, Texas. 43% Protein Cottonseed Meal -----	-----	-----	43.30	1
Amarillo Cotton Oil Company, Amarillo, Texas. 43% Protein Cottonseed Meal -----	39.41	43.39	41.08	6
Anderson, Clayton & Co., Houston, Texas. 43% Protein Cottonseed Meal -----	42.57	46.12	44.45	6
28% Protein Ground Whole-Pressed Cotton- seed -----	-----	-----	31.39	1
Athens Oil Mill, Athens, Texas. 43% Protein Cottonseed Meal -----	-----	-----	43.65	1
Bibb Company, H. T., Fort Worth, Texas. 43% Protein Cottonseed Meal -----	42.60	42.86	42.73	2
41% Protein Cottonseed Cake -----	-----	-----	42.33	1
41.12% Protein Ground Cottonseed Feed -----	-----	-----	41.13	1
Big Spring Cotton Oil Company, Big Spring, Texas. 43% Protein Cottonseed Meal -----	42.59	44.37	43.35	9
43% Protein Cottonseed Pellets -----	41.41	42.59	42.00	2
Brady Cotton Oil Company, Brady, Texas. 43% Protein Cracked Cottonseed Cake -----	-----	-----	43.24	1
43% Protein Cottonseed Meal -----	43.16	44.11	43.57	3
Brazos Valley Cotton Oil Company, Waco, Texas. Longhorn Brand 43% Protein Cottonseed Cake -----	41.86	43.93	42.90	2
Longhorn Brand 43% Protein Cottonseed Meal -----	42.11	44.01	43.04	10
Longhorn Brand 43% Protein Cottonseed Pellets -----	42.28	44.48	43.16	4
Brownwood Cotton Oil Mill, Brownwood, Texas. Cotton Bloom Brand 43% Protein Cotton- seed Meal -----	42.59	43.45	43.05	3
Cotton Bloom Brand 43% Protein Cotton- Pellets -----	41.47	42.21	41.73	3
Bryan Cotton Oil & Fertilizer Company, Bryan, Texas. 43% Protein Cottonseed Cake -----	-----	-----	42.11	1
43% Protein Cottonseed Meal -----	-----	-----	42.16	1
41% Protein Cottonseed Meal -----	-----	-----	37.95	1
Caddo-DeSoto Cotton Oil Company, Inc., Shreveport, Louisiana. 41.12% Protein Ground Cottonseed Feed -----	-----	-----	41.45	1

Table 17. Minimum, Maximum and Average Crude Protein Content of Cottonseed Products September 1, 1941, to August 31, 1942—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Cameron Cotton Oil Company, Cameron, Texas. 43% Protein Cottonseed Meal.....	42.20	43.05	42.71	5
Caney Valley Milling Company, Wharton, Texas. 26% Protein Whole-Pressed Cottonseed.....	-----	-----	26.25	1
Central Texas Oil Company, Mart, Texas. 43% Protein Cottonseed Meal.....	41.48	43.74	42.73	6
Chickasha Cotton Oil Company, Chickasha, Oklahoma. Chickasha Quality Brand 43% Protein Coarse Cottonseed Meal.....	38.39	43.70	40.49	3
Chickasha Quality Brand 43% Protein Cottonseed Meal.....	40.02	44.40	42.27	4
Chickasha Quality Brand 43% Protein Cottonseed Pellets.....	41.48	42.86	42.17	2
Childress Cotton Oil Mill, Inc., Childress, Texas. 43% Protein Cottonseed Meal.....	41.00	43.94	42.55	6
Chillicothe Cotton Oil Company, Chillicothe, Texas. 43% Protein Cottonseed Meal.....	-----	-----	39.84	1
Clarksville Cotton Oil Company, Clarksville, Texas. Clarko 43% Protein Cottonseed Cake.....	-----	-----	43.43	1
Clarko 43% Protein Cottonseed Meal.....	-----	-----	42.57	1
Coleman Cotton Oil Mill, Coleman, Texas. 43% Protein Cottonseed Cake.....	42.31	43.09	42.81	3
43% Protein Cottonseed Meal.....	41.44	43.63	42.65	7
Collin County Cotton Oil Company, McKinney, Texas. 43% Protein Cottonseed Meal.....	-----	-----	43.17	1
Commerce Oil Mill Company, Cameron, Texas. 43% Protein Nut-Size Cottonseed Cake.....	-----	-----	42.87	1
43% Protein Cottonseed Meal.....	41.29	43.00	42.34	5
Continental Oil-Cotton Company, Colorado City, Texas. 43% Protein Cottonseed Cake.....	42.05	44.41	43.32	4
43% Protein Cottonseed Meal.....	40.72	44.10	42.21	10
43% Protein Cottonseed Pellets.....	41.83	44.04	42.87	6
Cooper Cotton Oil Company, Cooper, Texas. 43% Protein Cottonseed Meal.....	42.94	43.91	43.43	2
Corpus Christi Cotton Oil Mill, Corpus Christi, Texas. 43% Protein Pea-Size Cottonseed Cake.....	-----	-----	42.31	1
43% Protein Cottonseed Meal.....	40.38	42.96	41.62	4

Table 17. Minimum, Maximum and Average Crude Protein Content of Cottonseed Products September 1, 1941, to August 31, 1942—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Coryell County Cotton Oil Company, Gatesville, Texas.				
43% Protein Cottonseed Cake	43.32	45.23	44.28	2
43% Protein Cottonseed Meal	42.25	43.32	42.82	5
Crockett Cotton Oil Company, Crockett, Texas.				
43% Protein Cracked Cottonseed Cake			42.61	1
43% Protein Cottonseed Meal	41.03	42.22	41.51	3
41% Protein Cottonseed Meal			41.52	1
Cuero Cotton Oil & Manufacturing Company, Cuero, Texas.				
43% Protein Cracked Cottonseed Cake			42.43	1
43% Protein Cottonseed Meal	39.68	45.05	42.61	5
East Texas Cotton Oil Company, Palestine, Texas.				
43% Protein Cottonseed Meal	42.39	44.79	43.35	6
East Texas Cotton Oil Company, Terrell, Texas.				
43% Protein Cottonseed Meal	41.17	42.84	41.98	5
East Texas Cotton Oil Company, Tyler, Texas.				
43% Protein Cottonseed Meal	42.33	43.58	42.79	3
Elgin Cotton Oil Company, Elgin, Texas.				
43% Protein Cottonseed Meal	41.39	42.34	42.05	4
Elk Cottonoil Co., Elk City, Oklahoma.				
Elk Brand 43% Protein Coarse Cottonseed Meal			43.04	1
Elk Brand 43% Protein Cottonseed Meal			39.39	1
Elk Brand 43% Protein Cottonseed Pellets			41.87	1
El Paso Cotton Industries, Inc., El Paso, Texas.				
Paymaster Brand 43% Protein Cottonseed Meal	42.40	42.94	42.67	2
Farmers Cooperative Oil Mill, El Paso, Texas.				
43% Protein Cottonseed Meal	43.01	43.27	43.15	3
Farmers Cotton Oil Company, Farmersville, Texas.				
43% Protein Cottonseed Meal			43.05	1
Farmers Cotton Oil Company, Texarkana, Texas.				
41.12% Protein Ground Cottonseed Feed			40.68	1
Farmers Cotton Oil Company, Winnshoro, Texas.				
43% Protein Cottonseed Meal	42.53	43.78	43.16	2
Farmers Cottonseed Oil Mills, Inc., Granger, Texas.				
43% Protein Cottonseed Cake	43.56	44.54	43.93	3
43% Protein Cottonseed Meal	42.32	43.93	42.88	5
28% Protein Whole-Pressed Cottonseed	26.16	28.35	26.89	5

Table 17. Minimum, Maximum and Average Crude Protein Content of Cottonseed Products September 1, 1941, to August 31, 1942—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Farmers Gin & Oil Mill, Laredo, Texas. 27% Protein Whole-Pressed Cottonseed.....	26.50	26.89	26.70	2
Fidelity Products Company, Houston, Texas. 43% Protein Cottonseed Meal.....	41.81	43.99	43.00	3
28% Protein Whole-Pressed Cottonseed.....			27.40	1
Flatonia Oil Mill Company, Flatonia, Texas. 43% Protein Cottonseed Meal.....			45.70	1
Fort Worth Cotton Oil Mill, Fort Worth, Texas. 43% Protein Cottonseed Meal.....			42.98	1
Fuller Cotton Oil Company, Snyder, Texas. 43% Protein Cottonseed Cake.....	41.94	44.68	43.76	7
43% Protein Cottonseed Meal.....	43.35	43.86	43.65	3
43% Protein Cottonseed Pellets.....	41.90	43.42	42.71	3
Gainesville Oil Mill, Gainesville, Texas. Golden Rod Brand 43% Protein Cottonseed Cake.....			43.40	1
Golden Rod Brand 43% Protein Cottonseed Meal.....	42.10	43.20	42.65	2
Georgetown Oil Mill, Georgetown, Texas. 43% Protein Cottonseed Meal.....	40.00	42.02	41.01	2
28% Protein Whole-Pressed Cottonseed.....	27.73	29.50	28.69	8
Gilmer Cotton Oil & Fertilizer Company, Gilmer, Texas. 43% Protein Cottonseed Meal.....			42.61	1
41.12% Protein Ground Cottonseed Feed.....			41.87	1
Gonzales Cotton Oil & Manufacturing Company. Gonzales, Texas. 43% Protein Cottonseed Cake.....			43.54	1
43% Protein Cottonseed Meal.....	42.29	42.57	42.43	2
Greenville Cotton Oil Company, Greenville, Texas. Golden Rod Brand 43% Protein Cottonseed Meal.....	42.14	43.59	42.92	4
Gutierrez & Company, Teodosio, Laredo, Texas. 25% Protein Whole-Pressed Cottonseed.....	25.78	26.27	26.03	2
Hamilton Oil Mill Company, Hamilton, Texas. 43% Protein Cottonseed Meal.....	39.83	40.95	40.39	2
Harlingen Cotton Oil Mill, Harlingen, Texas. Cotton Bloom Brand 43% Protein Cotton- seed Meal.....	40.70	43.98	42.44	7
43% Protein Cottonseed Pellets.....			41.70	1

Table 17. Minimum, Maximum and Average Crude Protein Content of Cottonseed Products September 1, 1941, to August 31, 1942—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Hill County Cotton Oil Company, Hillsboro, Texas.				
43 % Protein Cottonseed Cake	-----	-----	43.48	1
43 % Protein Pea-Size Cottonseed Cake	-----	-----	41.77	1
43 % Protein Cottonseed Meal	43.17	44.39	43.65	8
Honey Grove Cotton Oil Company, The, Honey Grove, Texas.				
43 % Protein Cottonseed Meal	42.27	43.37	42.72	5
Houston Cotton Oil Mill, Houston, Texas.				
Cotton Bloom Brand 43 % Protein Cotton- seed Meal	42.26	42.65	42.46	2
Humphreys-Godwin Company, Memphis, Tennessee.				
Bull Brand 43 % Protein Cottonseed Meal	42.65	42.98	42.82	2
Interstate Feed Company, Fort Worth, Texas.				
43 % Protein Cottonseed Meal	-----	-----	41.60	1
Jayton Cotton Oil Mill, Jayton, Texas.				
Chuck Wagon Brand 43 % Protein Cotton- seed Meal	42.45	45.36	43.24	5
Chuck Wagon Brand 43 % Protein Cotton- seed Pellets	-----	-----	41.43	1
Juarez Mercantile Company, El Paso, Texas.				
43 % Protein Cottonseed Meal	-----	-----	41.35	1
Kenedy Cotton Oil Mill, Kenedy, Texas.				
43 % Protein Cottonseed Cake	-----	-----	46.41	1
43 % Protein Cottonseed Meal	43.11	45.32	44.09	6
Kimbell Oil Mill, The, Sherman, Texas.				
43 % Protein Cottonseed Meal	42.16	44.90	43.51	4
La Grange Cotton & Oil Manufacturing Company, La Grange, Texas.				
43 % Protein Cottonseed Meal	42.53	44.94	43.74	2
Lamar Cotton Oil Company, The, Paris, Texas.				
43 % Protein Cottonseed Meal	42.47	44.06	43.35	4
Lamesa Cotton Oil Company, Lamesa, Texas.				
43 % Protein Cottonseed Meal	40.00	42.19	41.09	6
28 % Protein Ground Whole-Pressed Cotton- seed	19.71	28.20	24.64	3
28 % Protein Whole-Pressed Cottonseed	26.29	26.37	26.33	2
Lockhart Oil & Gin Company, Lockhart, Texas.				
43 % Protein Cottonseed Meal	-----	-----	42.23	1
Longview Cotton Oil Company, Longview, Texas.				
41 % Protein Cottonseed Meal	-----	-----	40.76	1

Table 17. Minimum, Maximum and Average Crude Protein Content of Cottonseed Products September 1, 1941, to August 31, 1942—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Lovitt & Company, L. B., Memphis, Tennessee.				
"Lovit Brand" 43% Protein Cottonseed Meal	42.30	43.58	42.90	5
"Lovit Brand" 41% Protein Cottonseed Cake			41.05	1
"Lovit Brand" 41.12% Protein Ground Cottonseed Feed	40.23	41.40	40.88	6
Lubbock Cotton Oil Company, Lubbock, Texas.				
Lucko Brand 43% Protein Cottonseed Meal	39.80	45.13	42.40	8
McCulloch County Cotton Oil Mill, Brady, Texas.				
Cotton Bloom Brand 43% Protein Cottonseed Cake	41.75	44.80	43.09	5
Cotton Bloom Brand 43% Protein Cottonseed Meal			42.12	1
Magnolia Provision Company, Houston, Texas.				
43% Protein Cottonseed Meal			41.90	1
Magnolia Brand 28% Protein Whole-Pressed Cottonseed	27.36	28.20	27.78	2
Marlin Oil Company, The, Marlin, Texas.				
43% Protein Cottonseed Cake	42.88	43.54	43.21	2
43% Protein Cottonseed Meal	42.08	44.01	42.78	9
Marshall Cotton Oil Company, Marshall, Texas.				
41% Protein Cottonseed Meal			40.65	1
41.12% Protein Ground Cottonseed Feed			41.80	1
Marshall Mill & Elevator Company, Marshall, Texas.				
43% Protein Cottonseed Meal			43.49	1
41% Protein Cottonseed Meal			41.57	1
41.12% Protein Ground Cottonseed Feed	39.54	41.42	40.71	4
Martin Feed Mill, Nocona, Texas.				
41.12% Protein Ground Cottonseed Feed			37.38	1
Memphis Cotton Oil Company, Memphis, Texas.				
43% Protein Coarse Cottonseed Meal			42.71	1
43% Protein Cottonseed Meal			38.30	1
43% Protein Cottonseed Pellets	38.42	43.98	41.47	3
Merchants & Planters Oil Company, Houston, Texas.				
43% Protein Cottonseed Meal	39.75	40.06	39.91	2
Meyer & Company, Felix, Houston, Texas.				
41% Protein Cottonseed Meal			38.99	1
41.12% Protein Ground Cottonseed Feed			39.55	1
Midlothian Oil & Gin Company, Midlothian, Texas.				
43% Protein Cottonseed Meal	41.48	42.91	42.32	4

Table 17. Minimum, Maximum and Average Crude Protein Content of Cottonseed Products September 1, 1941, to August 31, 1942—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Moulton Oil & Gin Company, Moulton, Texas. 43 % Protein Cottonseed Meal	42.88	43.76	43.32	2
Mount Enterprise Cotton Oil Mill, Mount Enterprise, Texas. 25 % Protein Whole-Pressed Cottonseed			26.24	1
Mount Pleasant Oil Mill, Mount Pleasant, Texas. 43 % Protein Cottonseed Meal	42.73	43.06	42.94	3
Munger Cotton Oil Company, Mexia, Texas. 43 % Protein Cottonseed Meal	41.85	43.97	42.74	7
Munger Cotton Oil Company, Teague, Texas. 43 % Protein Cottonseed Meal	41.54	42.50	42.04	3
Nacogdoches Oil Mill, The, Nacogdoches, Texas. Lone Star Brand 43 % Protein Cracked Cottonseed Cake			41.90	1
Lone Star Brand 43 % Protein Cottonseed Meal	41.88	44.43	43.56	4
Lone Star Brand 41.12 % Protein Ground Cottonseed Feed			42.49	1
Ne-Tex Co-Operative Oil Mill, Wolfe City, Texas. Ne-Tex Brand 43 % Protein Cracked Cot- tonseed Cake			42.73	1
Ne-Tex Brand 43 % Protein Cottonseed Meal	41.05	43.02	41.76	3
Nutty Brown Mills, Houston, Texas. 32 % Protein Cottonseed Meal Screenings			30.35	1
Oil Mill & Fertilizer Works, Henderson, Texas. 43 % Protein Cottonseed Meal	40.63	43.54	42.04	5
41 % Protein Cottonseed Pellets			41.26	1
41.12 % Protein Ground Cottonseed Feed			40.34	1
Opelousas Oil Mill, Opelousas, Louisiana. 41 % Protein Cottonseed Meal			40.03	1
Otis Gin & Warehouse Company, Loving, New Mexico. "Wano" Brand 43 % Protein Cottonseed Cubes			40.38	1
43 % Protein Cottonseed Meal	40.83	43.68	42.65	5
Peoples Cotton Oil Company, Wharton, Texas. 43 % Protein Cottonseed Meal	41.67	42.90	42.14	3
Perkins Oil Company, Memphis, Tennessee. Golden Rod Brand 41 % Protein Cottonseed Meal			40.53	1

Table 17. Minimum, Maximum and Average Crude Protein Content of Cottonseed Products September 1, 1941, to August 31, 1942—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Pincoffs Company, Maurice, Houston, Texas. Pinco Brand 28% Protein Whole-Pressed Cottonseed -----	-----	-----	24.67	1
Pittsburg Cotton Oil Company, Pittsburg, Texas. 43% Protein Cottonseed Meal -----	-----	-----	42.41	1
Plains Cooperative Oil Mill, Lubbock, Texas. 43% Protein Cottonseed Meal -----	41.42	42.36	41.74	3
Planters Cotton Oil Company, Dallas, Texas. Golden Rod Brand 43% Protein Cottonseed Meal -----	42.22	43.30	42.79	7
Planters Cotton Oil Mill, Ennis, Texas. 43% Protein Cottonseed Meal -----	42.13	44.15	43.22	6
Quannah Cotton Oil Company, Quannah, Texas. 43% Protein Cottonseed Cake -----	-----	-----	43.71	1
43% Protein Cottonseed Cubes -----	41.03	43.15	41.76	6
43% Protein Coarsely Ground Cottonseed Meal -----	41.36	43.82	42.58	4
43% Protein Cottonseed Meal -----	41.65	43.99	42.89	7
Richmond Cotton Oil Company, Inc., Richmond, Texas. 43% Protein Cottonseed Meal -----	-----	-----	41.65	1
Rio Grande Valley Cotton Oil Company, Clint, Texas. 43% Protein Cottonseed Cake -----	40.78	42.75	41.77	2
43% Protein Cottonseed Meal -----	40.04	42.37	41.57	3
38.56% Protein Ground Cottonseed Feed -----	-----	-----	33.68	1
Rosebud Oil & Cotton Company, Rosebud, Texas. 43% Protein Cottonseed Cake -----	-----	-----	43.19	1
43% Protein Cottonseed Meal -----	40.55	43.00	41.78	2
41% Protein Cottonseed Meal -----	-----	-----	39.79	1
Rule Cotton Oil Mill, Rule, Texas. Chuck Wagon Brand 43% Protein Cotton- seed Cake -----	-----	-----	44.10	1
Chuck Wagon Brand 43% Protein Cotton- Meal -----	42.90	44.46	43.66	5
San Antonio Oil Works, San Antonio, Texas. 43% Protein Cottonseed Meal -----	-----	-----	43.13	1
San Marcos Oil Mill, San Marcos, Texas. 43% Protein Cracked Cottonseed Cake -----	-----	-----	44.01	1
43% Protein Cottonseed Meal -----	39.31	43.54	40.23	4
Schulenburg Oil Mill, The, Schulenburg, Texas. 43% Protein Cottonseed Meal -----	-----	-----	43.51	1

Table 17. Minimum, Maximum and Average Crude Protein Content of Cottonseed Products September 1, 1941, to August 31, 1942—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Schumacher Oil Works, The H., Navasota, Texas.				
43 % Protein Cottonseed Meal	42.20	42.40	42.30	2
Sealy Oil Mill & Manufacturing Company, Sealy, Texas.				
43 % Protein Cottonseed Meal			42.73	1
Seguin Cotton Oil Company, The, Seguin, Texas.				
43 % Protein Screened Cracked Cottonseed Cake			44.13	1
43 % Protein Cottonseed Meal	42.46	42.60	42.53	2
Shiner Oil Mill & Manufacturing Company, Shiner, Texas.				
43 % Protein Cottonseed Meal	44.32	45.77	45.05	2
Sisco, E. C., Farmersville, Texas.				
Blue Bonnet Brand 41.12 % Protein Ground Cottonseed Feed			41.87	1
Smithville Oil Mill Company, Smithville, Texas.				
41 % Protein Cottonseed Meal	39.35	40.85	40.10	2
Southern Cotton Oil Company, The, Eunice, Louisiana.				
41 % Protein Cottonseed Meal			40.55	1
Southland Cotton Oil Company, Corsicana, Texas.				
43 % Protein Screened Cracked Cottonseed Cake	42.05	43.80	43.21	4
43 % Protein Cottonseed Meal	41.84	43.51	42.72	9
Southland Cotton Oil Company, Paris, Texas.				
Southland's 43 % Protein Cottonseed Meal ..	41.42	43.50	42.40	4
Southland Cotton Oil Company, Shreveport, Louisiana.				
43 % Protein Cottonseed Meal	40.61	42.85	41.73	2
41.12 % Protein Ground Cottonseed Feed ..	40.90	41.70	41.30	2
Southland Cotton Oil Company, Temple, Texas.				
43 % Protein Cottonseed Cake	42.15	44.16	43.08	3
43 % Protein Cottonseed Meal	41.10	44.45	42.61	13
Southland Cotton Oil Company, Waxahachie, Texas.				
43 % Protein Cottonseed Cake			41.48	1
43 % Protein Cottonseed Meal	40.43	43.74	41.93	17
43 % Protein Cottonseed Pellets	41.66	41.7	41.69	2
41 % Protein Cottonseed Cake			41.90	1
South Texas Cotton Oil Company, Austin, Texas.				
43 % Protein Cracked Cottonseed Cake	42.37	44.29	43.09	3
43 % Protein Cottonseed Meal	40.96	43.72	42.23	6

Table 17. Minimum, Maximum and Average Crude Protein Content of Cottonseed Products September 1, 1941, to August 31, 1942—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
South Texas Cotton Oil Company, Brownsville, Texas.				
28% Protein Ground Whole-Pressed Cotton- seed	27.41	29.27	28.48	5
28% Protein Whole-Pressed Cottonseed			28.00	1
South Texas Cotton Oil Company, Corpus Christi, Texas.				
43% Protein Cottonseed Cake	42.66	44.43	43.55	2
43% Protein Cottonseed Meal	41.88	44.23	43.09	5
43% Protein Cottonseed Pellets	43.67	44.52	44.10	2
41% Protein Cottonseed Cake			42.01	1
41% Protein Cottonseed Meal			42.79	1
41% Protein Cottonseed Pellets			42.07	1
South Texas Cotton Oil Company, Harlingen, Texas.				
43% Protein Cottonseed Cake			42.80	1
43% Protein Cottonseed Meal	42.74	43.09	42.86	4
28% Protein Ground Whole-Pressed Cottonseed			29.91	1
South Texas Cotton Oil Company, Hearne, Texas.				
43% Protein Cracked Cottonseed Cake			40.97	1
43% Protein Cottonseed Meal	41.89	44.71	43.33	7
41.12% Protein Ground Cottonseed Feed			40.77	1
South Texas Cotton Oil Company, Robstown, Texas.				
43% Protein Pea-Size Cottonseed Cake			44.34	1
43% Protein Cottonseed Meal	40.41	43.64	42.21	4
South Texas Cotton Oil Company, Taylor, Texas.				
43% Protein Nut-Size Cottonseed Cake			43.66	1
43% Protein Pea-Size Cottonseed Cake			44.27	1
43% Protein Sheep-Size Cottonseed Cake	43.07	44.12	43.60	2
43% Protein Cottonseed Meal	41.60	43.55	42.62	5
South Texas Cotton Oil Company, Victoria, Texas.				
Yello Brand 43% Protein Cottonseed Meal	41.90	43.25	42.70	3
Yello Brand 43% Protein Cottonseed Pellets			42.16	1
Stamford Cotton Oil Mill, Stamford, Texas.				
Chuck Wagon Brand 43% Protein Cotton- seed Meal	41.06	46.19	43.21	8
Chuck Wagon Brand 43% Protein Cotton- seed Pellets	42.18	43.39	42.79	2
Sulphur Springs Cotton Oil Company, Sulphur Springs, Texas.				
43% Protein Cottonseed Meal	41.69	43.77	42.75	3
Sweetwater Cotton Oil Company, Sweetwater, Texas.				
43% Protein Cottonseed Cake			44.23	1
43% Protein Cottonseed Cubes	41.36	44.06	42.62	10
43% Protein Cottonseed Meal	42.57	44.85	43.90	13
28% Protein Whole-Pressed Cottonseed Cubes	26.91	29.78	28.35	2

Table 17. Minimum, Maximum and Average Crude Protein Content of Cottonseed Products September 1, 1941, to August 31, 1942—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Swift & Company (Oil Mill), Little Rock, Arkansas.				
Cotton Bloom Brand 41% Protein Cotton- seed Cake	-----	-----	41.37	1
Cotton Bloom Brand 43% Protein Cotton- seed Meal	-----	-----	41.33	1
Taft Cotton Oil Company, Taft, Texas.				
43% Protein Cottonseed Meal	42.05	43.94	42.63	5
Texarkana Cotton Oil Corporation, Texarkana, Arkansas-Texas.				
41.12% Protein Ground Cottonseed Feed	40.06	41.75	40.91	2
Texas Cotton Industries, Marfa, Texas.				
28% Protein Whole-Pressed Cottonseed	-----	-----	28.04	1
28% Protein Whole-Pressed Cottonseed Pellets	-----	-----	27.50	1
Tidwell Fuel & Feed Company, El Paso, Texas.				
43% Protein Cottonseed Meal	-----	-----	41.67	1
Tobian & Company, Louis, Dallas, Texas.				
43% Protein Cottonseed Cake	-----	-----	43.35	1
43% Protein Cottonseed Meal	41.31	43.93	42.86	19
41% Protein Cottonseed Meal	39.05	42.08	40.42	7
Navy Brand 41.12% Protein Cracked Cottonseed Feed	39.29	41.10	40.20	2
Navy Brand 41.12% Protein Ground Cottonseed Feed	39.94	41.79	40.68	5
Tornillo Cotton Oil Company, Tornillo, Texas.				
28% Protein Ground Whole-Pressed Cottonseed	25.83	28.18	27.07	3
28% Protein Whole-Pressed Cottonseed	27.75	29.20	28.40	6
28% Protein Whole-Pressed Cottonseed Cubes	-----	-----	28.40	1
Traders Oil Mill Company, Fort Worth, Texas.				
43% Protein Cracked Cottonseed Cake	-----	-----	43.96	1
43% Protein Cottonseed Meal	42.55	47.66	44.27	10
43% Protein Cottonseed Pellets	42.10	43.35	42.93	6
41.12% Protein Ground Cottonseed Feed	39.99	41.38	40.69	2
Trinity Cotton Oil Company, Dallas, Texas.				
43% Protein Cottonseed Meal	42.73	43.84	43.29	2
Union Oil Mills, Hubbard, Texas.				
43% Protein Cracked Cottonseed Cake	43.84	45.06	44.45	2
43% Protein Cottonseed Meal	40.51	43.79	42.65	4
Van Alstyne Cotton Oil Company, Van Alstyne, Texas.				
43% Protein Cottonseed Meal	41.59	42.04	41.88	3

Table 17. Minimum, Maximum and Average Crude Protein Content of Cottonseed Products September 1, 1941, to August 31, 1942—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Vernon Cotton Oil Company, Vernon, Texas.				
43% Protein Cottonseed Meal	43.20	44.11	43.67	3
43% Protein Cottonseed Pellets	42.85	43.85	43.38	3
41.12% Protein Ground Cottonseed Feed			42.30	1
Waco Cotton Oil Mill, Waco, Texas.				
Cotton Bloom Brand 43% Protein Cotton- seed Cake	40.55	43.44	42.00	2
Cotton Bloom Brand 43% Protein Cotton- Meal	41.34	43.50	42.66	6
Warnken & Sons, A. D., Poth, Texas.				
28% Protein Ground Whole-Pressed Cottonseed			29.55	1
Weimar Oil Mill, Inc., Weimar, Texas.				
43% Protein Cottonseed Meal			41.71	1
West Cotton Oil Mill, West, Texas.				
Cotton Bloom Brand 43% Protein Cotton- Cake			43.08	1
Cotton Bloom Brand 43% Protein Cotton- Meal	41.93	43.74	42.74	10
West Texas Cottonoil Co., Abilene, Texas.				
Paymaster Brand 43% Protein Cottonseed Cake	42.77	43.70	43.41	3
Paymaster Brand 43% Protein Cottonseed Meal	40.02	45.07	42.84	11
Paymaster Brand 43% Protein Cottonseed Pellets	41.89	43.36	42.53	3
West Texas Cottonoil Co., Ballinger, Texas.				
Paymaster Brand 43% Protein Cottonseed Cake	40.18	44.35	41.89	6
Paymaster Brand 43% Protein Cottonseed Meal	40.15	43.07	41.32	8
Paymaster Brand 43% Protein Cottonseed Pellets	40.40	43.81	42.64	12
West Texas Cottonoil Co., Brownfield, Texas.				
Paymaster Brand 43% Protein Cottonseed Meal	40.47	42.97	42.00	5
West Texas Cottonoil Co., Littlefield, Texas.				
Paymaster Brand 43% Protein Cottonseed Meal	41.46	43.83	42.27	4
West Texas Cottonoil Co., Munday, Texas.				
Paymaster Brand 43% Protein Cottonseed Cake			41.98	1
Paymaster Brand 43% Protein Cottonseed Meal	40.00	41.08	40.54	2

Table 17. Minimum, Maximum and Average Crude Protein Content of Cottonseed Products September 1, 1941, to August 31, 1942—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
West Texas Cottonoil Co., Plainview, Texas. Paymaster Brand 43% Protein Cottonseed Meal	38.50	43.45	41.25	4
West Texas Cottonoil Co., San Angelo, Texas. Paymaster Brand 43% Protein Cottonseed Cake	43.45	47.23	45.13	5
Paymaster Brand 43% Protein Cottonseed Meal	41.32	45.05	43.06	5
Paymaster Brand 43% Protein Cottonseed Pellets	40.92	45.33	42.99	8
West Texas Cottonoil Co., Shamrock, Texas. Paymaster Brand 43% Protein Coarsely Ground Cottonseed Meal	40.89	43.64	42.14	5
Paymaster Brand 43% Protein Cottonseed Meal	41.67	42.44	42.02	4
Paymaster Brand 28% Protein Ground Whole-Pressed Cottonseed			24.49	1
West Texas Cottonoil Co., Slaton, Texas. Paymaster Brand 43% Protein Cottonseed Meal	42.20	43.28	42.74	2
Wheeler Cotton Oil Company, Inc., Wheeler, Texas. 28% Protein Ground Whole-Pressed Cottonseed			23.84	1
Wichita Falls Cotton Oil Company, Wichita Falls, Texas. 43% Protein Cottonseed Meal	40.46	43.62	42.27	3
Wingo Oil Mill, Wills Point, Texas. 43% Protein Cottonseed Meal			45.50	1
Womble Oil Mill Company, Caldwell, Texas. 43% Protein Nut-Size Cottonseed Cake			45.01	1
43% Protein Cottonseed Meal			43.46	1
Wood County Cotton Oil Company, Mineola, Texas. 43% Protein Cottonseed Meal	41.55	43.54	42.32	3
Yorktown Cotton Oil & Manufacturing Company, Yorktown, Texas. 43% Protein Cottonseed Meal	42.63	43.20	42.92	2

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942(The guaranties are printed in *italics* following brand names.)

Legend: The italic super-letters in this table indicate the following: *a*, Not tagged, but tags furnished. Amount in stock removed from sale until tagged; *b*, Amount in stock removed from sale and relabeled; *c*, Refund paid; *d*, Sampled before registration; *e*, Registration adjusted; *f*, Amount in stock returned to seller; *g*, Not registered; *h*, Amount in stock removed from sale; *i*, Not tagged; *j*, Obsolete tags attached; *k*, Tags not printed according to registration.

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Abilene Flour Mills Company, The, Abilene, Kansas.							
Wheat Gray Shorts and Screenings	16.00	4.00	6.00	55.00	-----	-----	2061E
Analysis ^{b1}	17.78	4.53	6.47	55.19	11.47	4.56	264M
Analysis	17.93	4.25	5.78	56.07	11.53	4.44	454T
Acme Flour Mills Company, The, Oklahoma City, Oklahoma.							
Wheat Gray Shorts and Screenings	16.00	3.50	6.00	55.00	-----	-----	135C
Analysis ^{2c}	17.99	4.92	6.87	54.45	10.64	5.13	521M
Analysis ^{2b}	17.00	3.90	6.65	55.62	12.18	4.65	204P
Analysis	16.84	4.09	6.24	58.22	10.46	4.15	162T
Wheat Bran	15.00	3.00	10.00	50.00	-----	-----	135G
Analysis	17.51	4.67	11.07	51.89	7.62	7.24	520M
Ada Milling Company, Ada, Oklahoma.							
Pulverized Wheat	12.00	2.00	3.00	70.00	-----	-----	1015A5
Analysis ⁴³	14.85	1.86	2.51	67.58	11.11	2.09	473T
Addisnon Hatchery & Feed Store, Amarillo, Texas.							
Addisnon's Growing Mash	18.00	3.50	6.50	50.00	-----	-----	449G
Analysis ⁴	18.30	4.05	6.64	59.92	4.18	6.91	357S
Addisnon's All-Mash Starter	18.50	3.50	6.00	51.00	-----	-----	449H
Analysis ³	20.05	4.38	5.81	52.45	9.59	7.72	358S
Addisnon's Rapid-Growth Brand Broiler Mash	18.50	3.50	6.00	50.00	-----	-----	449I
Analysis	22.11	4.52	5.45	50.51	9.76	7.65	359S
Addisnon's Best Brand Egg Mash	19.00	3.50	7.50	48.50	-----	-----	449J
Analysis	19.95	4.40	6.23	52.10	9.57	7.75	261S
Adolphus Rice Milling Company, Houston, Texas.							
Rice Bran containing Precipitated Carbonate or Lime	11.00	10.00	15.00	42.00	-----	-----	1053A
Analysis ⁶	12.50	11.91	10.20	39.61	10.95	14.83	174M
Analysis ⁶	12.28	11.00	10.29	38.48	10.50	17.45	418M
Rice Polishings containing Precipitated Carbonate of Lime	11.00	6.00	4.00	55.00	-----	-----	1053B
Analysis ⁶	13.67	16.66	3.96	41.78	9.77	14.16	419M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.¹Wheat brown shorts and screenings. Refund paid in part.²Wheat brown shorts and screenings.³Wheat white shorts.⁴Deficient in ground limestone.⁵Excess of salt found.⁶Excess of carbonate of lime found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Alameda Fuel & Grain Company, El Paso, Texas.							
Alameda "Keeno" Dairy Food.....	16.60	3.80	10.00	52.00			165A
Analysis ^a	17.30	3.23	8.70	65.62	9.11	6.04	486S
Alameda "Kenno" Mash.....	15.50	4.00	7.00	55.00			165B
Analysis ^a	19.10	5.46	5.83	52.98	9.39	7.33	85S
"Keeno" Pig and Sow Mix.....	15.00	3.00	7.00	51.00			165G
Analysis ^a	19.69	5.00	6.44	52.91	8.32	7.64	17S
Analysis.....	20.43	4.36	6.58	53.97	7.21	7.45	598S
Alamo Cotton Oil Mill, San Antonio, Texas.							
Cotton Bloom Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			606D
Analysis ^a	42.27	6.01	10.73	26.65	8.37	5.97	41H
Analysis ^a	41.62	6.66	11.30	27.39	7.71	5.32	188H
Analysis ^{b,c}	41.45	6.14	11.85	26.43	8.59	5.54	267H
Cotton Bloom Brand 43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00			606E
Analysis.....	44.59	6.14	10.23	25.82	7.19	6.03	114H
Cotton Bloom Brand 43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00			606M
Analysis.....	43.64	8.96	14.41	20.49	7.93	4.57	99H
Analysis.....	45.39	7.79	12.43	20.51	9.67	4.21	D
Cotton Bloom Brand Laying Mash.....	20.50	4.00	6.50	45.00			606R
Analysis.....	20.90	5.37	6.64	46.98	10.36	9.75	256H
Cotton Bloom Brand 44% Protein Supplement for Hogs.....	44.00	6.50	10.00	16.50			606S
Analysis.....	41.10	8.16	8.35	18.79	9.81	13.79	398H
Cotton Bloom Brand Chick Starter.....	19.00	4.00	5.50	52.00			606V
Analysis.....	21.58	5.05	6.72	50.28	9.25	8.11	331H
Cotton Bloom Brand Growing Mash.....	18.50	4.00	5.50	53.00			606W
Analysis ¹⁰	18.90	4.62	5.15	55.37	10.49	5.47	332H
Cotton Bloom Brand 15% Protein Range Feed Cubes.....	15.00	3.50	12.00	49.00			606A3
Analysis ¹⁰	19.65	4.11	14.17	44.30	9.05	8.72	444H
Cotton Bloom Brand 20% Protein Range Feed Pellets.....	20.00	3.50	10.50	42.50			606A4
Analysis ¹⁰	23.38	4.16	10.75	43.49	9.82	8.40	81H
Consumers Special Brand Laying Mash.....	18.00	4.00	7.00	48.50			606A8
Analysis.....	20.25	4.25	7.83	48.20	10.20	9.27	296H
Consumers Special Brand Egg Mash Pellets.....	18.00	4.00	7.00	48.50			606B1
Analysis.....	20.15	5.25	6.73	47.94	10.61	9.32	397H
41% Protein Soybean Oil Meal.....	41.00	6.00	6.00	28.00			606D2
Analysis.....	44.24	4.58	5.81	28.66	10.01	6.70	8J
Albers Milling Company, Seattle, Washington.							
Proven Brand Calf Manna Pellets.....	25.00	4.00	5.00	48.00			445A
Analysis ¹¹	25.02	5.23	4.09	50.19	7.92	7.55	131T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁷ Rolled whole barley and cane molasses found, not claimed.

⁸ Ground whole oats claimed, not found. Ground whole barley found, not claimed.

⁹ Salt found, not claimed.

¹⁰ Deficient in ground oyster shell.

¹¹ Excess of salt found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Alice Cotton Oil Company, Alice, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	-----	-----	1050D
Analysis	43.30	6.89	9.13	26.01	8.20	6.47	170H
Stock Feed containing Ear Corn Chop with Husk and Molasses	15.00	3.20	13.50	49.00	-----	-----	1050Z
Analysis	15.60	3.47	12.59	52.84	11.67	3.83	171H
Allison Coal & Grain Company, Paducah, Texas.							
Sun-Ray Brand Chick Starter	16.50	3.50	5.50	52.00	-----	-----	2165J
Analysis	18.77	4.18	5.49	54.62	9.69	7.25	413T
Sun-Ray Brand Dairy Feed	18.50	3.40	12.00	47.00	-----	-----	2165K
Analysis	19.43	4.02	10.39	49.97	8.95	7.24	412T
Alva Roller Mills, Alva, Oklahoma.							
Wheat Gray Shorts and Screen- ings	17.00	4.00	6.00	55.00	-----	-----	127A
Analysis	18.72	4.46	5.92	54.81	12.03	4.06	124P
Analysis	17.05	4.19	5.80	56.39	12.35	4.22	163P
Amarillo Cotton Oil Company, Amarillo, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	-----	-----	1441B
Analysis ^c	41.72	6.79	9.36	33.53	2.38	6.22	66K
Analysis ^c	40.18	6.85	9.54	30.90	6.11	6.42	129K
Analysis ^c	39.41	6.58	10.79	30.62	6.75	5.85	239K
Analysis ^c	40.21	4.91	10.06	31.60	7.17	6.05	273K
Analysis ^c	41.56	5.67	11.62	28.55	7.43	5.17	131S
Analysis	43.39	7.03	8.45	29.24	5.73	6.16	262S
Anchor Mills Company, Waco, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00	-----	-----	1958E
Analysis ^a	7.05	3.39	12.05	65.43	10.48	1.60	479W
O. K. Brand All-Mash Chick Starter	18.50	3.50	6.00	53.00	-----	-----	1958J
Analysis ¹²	19.85	4.06	4.87	55.64	9.84	5.74	390W
O. K. Brand Egg Mash	18.00	3.50	7.00	48.00	-----	-----	1958M
Analysis	19.44	4.81	5.49	53.42	9.25	7.59	2W
Waco Brand Sweet Feed	10.30	1.50	23.50	45.20	-----	-----	1958P
Analysis	10.01	1.69	19.88	45.79	12.92	9.71	74W
Waco Brand Laying Mash	18.00	3.50	6.00	52.50	-----	-----	1958R
Analysis ¹³	18.56	4.44	5.16	55.67	10.10	6.07	37W
Waco Brand Laying Mash	18.00	3.50	6.00	51.00	-----	-----	1958A5
Analysis ¹⁴	18.13	3.77	5.45	55.54	9.46	7.65	633W
Anderson, C. J., Waco, Texas.							
Anderson's Excel Brand Dairy Feed	21.00	3.80	8.00	48.00	-----	-----	1562A
Analysis ¹⁵	22.90	5.05	7.29	50.30	9.89	4.57	442W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹²Excess of salt found.¹³Deficient in ground oyster shell. Registration canceled.¹⁴Fish meal claimed, not found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Anderson, Clayton & Co., Houston, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			780B
Analysis	46.12	6.86	7.70	25.11	7.46	6.75	17H
Analysis	45.71	6.77	8.49	24.41	7.86	6.76	20H
Analysis	45.61	6.81	8.07	24.63	8.44	6.44	242H
Analysis	42.57	5.98	10.88	25.37	8.73	6.47	502H
Analysis	44.02	6.31	10.15	25.17	7.93	6.42	316M
Analysis	42.64	6.34	10.21	26.64	7.76	6.41	549M
28% Protein Ground Whole- Pressed Cottonseed	28.00	6.00	23.00	29.00			780D
Analysis	31.39	5.16	19.60	30.87	7.59	5.39	18H
Analysis ^{15c}	27.35	4.64	22.63	31.00	9.64	4.74	88H
Anderson Feed Mill, Stephenville, Texas.							
Chick Starter	14.50	3.60	5.00	57.00			2191F
Analysis	14.98	4.41	3.27	58.91	10.84	7.59	340T
Anderson Grain Company, Nacogdoches, Texas.							
Anderson's Special Dairy Feed	18.00	3.50	13.00	46.00			1263A
Analysis ¹⁶	19.35	3.18	10.21	48.26	10.87	8.13	134M
Anderson's Special Laying Mash	19.00	3.60	7.50	50.00			1263B
Analysis ¹⁷	21.18	4.61	8.84	49.06	9.85	6.46	58M
Anderson's Special Hog Feed	14.50	4.40	8.00	54.00			1263C
Analysis ¹⁸	18.62	3.32	6.62	54.87	10.99	5.58	498M
Andrews Feed Store, S. A., Stephenville, Texas.							
Sid's Cow Feed	18.00	4.00	13.00	47.50			2669A
Analysis	18.67	4.47	12.08	47.65	10.92	6.21	500T
Andy's Feed Store, Pilot Point, Texas.							
Andy's Dairy Feed	16.00	3.00	10.30	52.00			1812I
Analysis	15.43	3.73	9.68	56.23	9.93	5.00	289T
Andy's Egg Mash	18.50	3.50	6.00	49.00			1812J
Analysis	19.81	4.08	4.32	49.92	10.79	11.08	171T
Analysis	19.89	3.96	3.40	52.38	10.03	10.34	621T
Angelo Feed & Grain Company, San Angelo, Texas.							
Angelo Dairy Feed	19.00	3.60	11.00	45.00			2675A
Analysis	18.54	3.43	10.48	51.74	9.26	6.55	497S
Chowmix Laying Mash	18.00	3.50	8.00	48.00			2675F
Analysis	19.76	4.47	5.39	53.97	9.79	6.62	427S
Chowmix 18% Protein Dairy Feed E	18.00	3.50	14.00	46.00			2675H
Analysis ¹⁹	20.37	4.33	12.29	47.65	9.53	5.83	559S
Archer-Daniels-Midland Company, Minneapolis, Minnesota, and Branches.							
34% Protein Old Process Lin- seed Meal	34.00	4.50	9.00	33.00			1197A
Analysis ^a	32.98	4.04	7.67	38.22	10.84	6.25	61P

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁵Cottonseed meal and hulls.

¹⁶Excess of salt found.

¹⁷Deficient in ground limestone.

¹⁸Corn gluten feed found, not claimed.

¹⁹Corn distillers' dried grains claimed, not found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Archer-Daniels-Midland Company, Minneapolis, Minnesota, and Branches.—Continued							
34% Protein Old Process Linseed Meal	34.00	3.50	9.00	33.00			1197A
Analysis	35.48	5.21	8.19	36.56	8.83	5.73	290K
44% Protein Soybean Oil Meal	44.00	0.50	7.00	29.00			1197E
Analysis	45.28	.54	5.45	31.30	11.58	5.85	234M
Analysis ^a	45.95	.29	5.41	31.44	11.14	5.77	213T
Analysis	46.63	.34	5.23	31.98	9.67	6.15	4W
30% Protein Linseed Meal	30.00	4.50	9.00	35.00			1197F
Analysis ^a	31.37	5.10	10.39	38.59	9.13	5.42	94S
Archer Grain Company, Inc., Houston, Texas.							
Archer's XXX Egg Mash	19.50	4.00	6.00	44.00			846C
Analysis	21.73	4.20	4.98	50.73	10.90	7.46	422M
Archer's XXX Starter Mash	19.00	3.70	5.50	49.00			846E
Analysis	20.60	3.92	4.56	52.46	11.15	7.31	424M
XXX Dairy Feed	17.50	4.50	15.00	42.00			846J
Analysis ²⁰	18.52	4.15	11.88	47.99	11.15	6.31	421M
XXX Calf Feed	16.50	3.30	6.50	54.00			846M
Analysis	17.50	3.91	5.94	56.03	10.42	6.20	423M
24% Protein Dairy Feed	24.00	5.00	11.00	40.00			846A3
Analysis	24.27	6.26	11.08	40.11	9.62	8.66	158M
Archer's Summer Dairy Feed	18.00	5.00	13.50	41.50			846B7
Analysis	20.23	5.93	11.53	43.62	9.49	9.20	10M
Special Horse and Mule Feed	10.00	3.20	9.00	58.00			846B8
Analysis	11.53	5.03	7.29	60.07	11.76	4.32	233M
Analysis ²¹	11.08	4.47	7.53	60.68	12.31	3.93	475M
Arizona Flour Mills Company, Phoenix, Arizona.							
Dehydrated Alfalfa Meal	17.00	1.50	25.00	40.00			819A
Analysis	18.57	3.36	22.14	38.43	5.29	12.21	99S
Analysis	16.01	2.73	26.16	40.18	3.69	11.23	640S
Arkansas City Flour Mills Company, The, Arkansas City, Kansas.							
Wheat Gray Shorts and Screenings	16.00	3.50	6.00	55.00			1670A
Analysis ^{22bc}	16.85	4.33	6.70	56.26	10.90	4.96	140M
Analysis	16.37	4.07	6.06	55.56	13.09	4.85	7P
Analysis ^k	15.82	3.72	5.58	58.21	12.67	4.00	177P
Analysis	16.50	4.10	6.11	56.45	11.95	4.89	67T
Analysis ^a	16.80	4.18	6.21	56.90	11.83	4.08	117T
Low-Protein Ground Wheat	11.00	2.00	3.00	70.00			1670E
Analysis ^{kb}	13.95	1.74	2.65	68.84	11.02	1.80	33J
Arlington Grain Company, Arlington, Texas.							
Barrett's Best Starting Mash	19.00	4.00	5.00	53.00			2379M
Analysis	19.00	4.24	4.12	53.87	10.27	8.50	371T
Rainbow Laying Mash	19.00	4.00	5.00	51.00			2379N
Analysis	19.38	4.35	4.86	53.06	9.94	8.41	56T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁰Rice bran claimed, not found.²¹Cottonseed meal found, not claimed.²²Wheat brown shorts and screenings.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Armour and Company, Chicago, Illinois, and Branches.							
Armour's 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00	---	---	541G
Analysis	50.10	9.32	1.96	.12	7.62	30.88	182T
Athens Oil Mill, Athens, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	---	---	567F
Analysis	43.65	5.47	9.36	27.16	7.52	6.84	167P
Jersey Brand Mixed Feed	11.80	1.70	38.00	36.00	---	---	567I
Analysis	12.10	2.25	37.32	38.55	6.55	3.23	146M
Auge Packing Company, Ed., San Antonio, Texas.							
50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00	---	---	1724A
Analysis ^{bc}	48.47	12.90	1.22	.01	7.38	30.02	103H
65% Protein Digester Tankage	65.00	5.00	3.00	0.00	---	---	1724C
Analysis	66.94	8.36	.85	1.94	6.68	15.23	6J
Austin Mill & Grain Company, Brownwood, Texas.							
Corn Chop	9.00	3.50	3.00	70.00	---	---	231A
Analysis	9.14	4.04	2.01	71.81	11.59	1.41	115S
Green Arrow 18% Protein Layering Mash	18.00	3.60	7.00	48.50	---	---	231C3
Analysis	19.81	3.68	6.45	53.31	10.05	6.70	2S
Ayers & Son, Ray C., Slaton, Texas.							
Ayers Supreme Brand Chick Starter	18.00	3.50	6.00	53.00	---	---	283A
Analysis	17.42	4.09	6.68	53.77	8.81	9.23	190K
Ayers Supreme Brand Sweet Feed	9.00	1.50	17.50	52.60	---	---	283C
Analysis ^k	10.52	2.02	16.77	50.13	9.06	11.50	262K
Ayers Supreme Brand Growing Mash	17.00	3.50	7.00	52.00	---	---	283G
Analysis	17.36	4.38	7.95	53.86	8.27	8.18	189K
Analysis	17.50	3.26	8.00	53.96	9.35	7.93	456S
Ayers Supreme Brand 20% Protein Cattle Feed Cubes	20.00	3.00	10.50	42.00	---	---	283Q
Analysis ^{da}	19.76	2.54	6.00	54.84	11.39	5.47	239S
Ayers 35% Protein Poultry Mash Concentrate	35.00	4.00	8.00	27.50	---	---	283A1
Analysis ^{kb}	34.56	3.23	7.58	31.95	7.61	15.07	286K
Bailey's Feed Store, Rosenberg, Texas.							
Red Star 16% Protein Dairy Feed	16.00	4.00	12.50	46.00	---	---	1392C
Analysis ^{jb23}	16.58	4.58	12.05	49.52	10.71	6.56	529M
Red Star Horse and Mule Feed	10.00	3.20	10.00	60.00	---	---	1392I
Analysis	11.29	3.04	5.10	63.26	12.86	4.45	54M
Analysis	9.85	4.10	7.37	59.88	13.68	5.12	211M
Red Star Egg Mash	19.00	3.80	7.00	50.00	---	---	1392K
Analysis ^{jb24}	20.58	4.36	6.19	51.69	10.25	6.93	53M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²³Deficient in ground amorphous limestone and salt.

²⁴Deficient in salt.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Molsture	Crude Ash	
Bailey's Feed Store, Rosenberg, Texas.—Cont'd							
Corn Chop	9.00	3.50	3.00	70.00	—	—	1392U
Analysis	9.60	3.48	1.81	71.91	12.11	1.09	285M
Red Star All-Mash Laying Ration	15.00	4.00	6.00	51.00	—	—	1392X
Analysis	15.50	4.92	6.19	54.16	9.99	9.24	530M
Bain Peanut Company of Texas, Fort Worth, Texas.							
Bapco Brand 43% Protein Peanut Meal	43.00	6.00	12.00	23.00	—	—	588A
Analysis ^c	41.32	9.94	13.26	24.26	4.22	7.00	225T
Analysis ^c	42.20	7.85	11.96	24.20	6.45	7.34	502T
36% Protein Ground Peanut Feed	36.00	5.00	22.00	28.00	—	—	588M
Analysis	36.68	8.57	19.52	22.81	7.00	5.42	52W
Balderston Grain Company, Canadian, Texas.							
Whole Barley Chop	11.00	1.50	6.00	65.00	—	—	1154E
Analysis ^{a25}	13.75	1.92	5.72	64.45	10.37	3.79	21K
Ball, J. R., Greenville, Texas.							
Ball Brand Laying Mash	20.00	3.50	6.00	46.00	—	—	1341E
Analysis ^{kb}	14.74	3.02	5.19	59.91	11.49	5.65	30P
Bangs Feed Mill, Bangs, Texas.							
Jen's Dairy Feed	15.00	3.60	16.00	47.00	—	—	759F
Analysis	15.48	4.58	15.76	43.40	9.63	11.15	621S
Real Brand Laying Mash	18.00	3.50	6.50	48.00	—	—	759L
Analysis	19.76	3.81	6.19	49.76	9.83	10.65	513S
Bankhead Feed Store, Arlington, Texas.							
Bankhead Dari-Mix	17.00	3.00	13.00	47.00	—	—	2018B
Analysis	20.42	3.96	12.68	45.66	10.34	6.94	520T
Barcus Feed Store, Waco, Texas.							
Victory Brand Laying Mash	18.00	3.50	5.00	52.50	—	—	1413C
Analysis	19.58	3.52	4.30	54.01	10.56	8.03	625W
Hewitt Brand Chick Starter	15.50	3.70	4.50	56.00	—	—	1413L
Analysis	17.37	5.69	3.88	55.15	11.42	6.49	544W
Barnett and Powers Produce Company, Marlin, Texas.							
Marlin-Mix Laying Mash	18.00	3.60	5.00	54.00	—	—	1993A
Analysis ^{da20}	18.62	3.88	4.31	55.55	11.45	6.19	102W
Marlin-Mix Dairy Feed	20.60	3.20	15.00	43.00	—	—	1993B
Analysis ²⁰	20.76	3.93	14.70	44.33	10.89	5.39	338W
Marlin-Mix Broiler Mash	14.60	3.50	5.00	57.50	—	—	1993C
Analysis	17.64	4.25	4.91	57.06	10.38	5.76	191W
Marlin-Mix Growing Mash	16.00	3.60	6.50	54.50	—	—	1993D
Analysis ^{a20}	17.65	4.28	6.24	54.76	10.52	6.55	103W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁰Illegal net weight. Each sack even-weighted to 100 lbs. net. Wheat chop found.²⁵Deficient in ground oyster shell.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Barron's Electric Hatchery, Lamesa, Texas.							
Eureka Brand Starter-Grow Mash	19.00	3.50	7.00	49.00			1077A
Analysis ²⁷	19.60	4.19	5.90	52.07	10.49	7.75	276S
Eureka Brand Laying Mash No. 1	19.00	3.60	7.00	46.00			1077B
Analysis	19.93	4.29	6.15	51.02	8.47	10.14	198K
Eureka Brand Laying Mash No. 2	19.00	3.50	7.50	48.00			1077H
Analysis	20.00	4.53	5.73	51.41	8.30	10.03	288K
Analysis	20.00	4.35	6.08	51.19	9.13	9.25	395S
Barron's 32% Protein Egg Mash Concentrate	32.00	4.50	7.00	24.00			1077N
Analysis	33.89	5.74	6.62	27.98	6.64	19.13	473S
Barry & Sons, J. R., Mercedes, Texas.							
Barry's Dairy Feed	18.00	3.00	12.00	51.50			1602A
Analysis	18.90	2.58	11.25	49.27	11.66	6.34	92H
Analysis	20.00	2.61	10.89	48.12	12.02	6.36	165H
Bauch & Simpson, Yorktown, Texas.							
Breeder Laying Mash	18.70	3.50	6.30	46.70			660A
Analysis	21.10	4.38	6.26	49.58	10.39	8.29	355H
Chick Starter	17.60	3.50	6.50	52.00			660C
Analysis	19.20	4.29	5.84	53.35	10.41	6.91	356H
Bawden Fuel & Feed Company, Plainview, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00			1339H
Analysis ^j	8.79	3.28	10.84	65.02	9.91	2.16	229K
Rainbow Egg Mash	20.00	3.50	7.00	46.00			1339U
Analysis	21.64	4.07	5.59	48.97	10.17	9.56	231S
Rainbow All-Mash Chick Starter	20.00	3.50	6.50	48.50			1339X
Analysis	21.76	4.09	5.53	49.26	8.74	10.62	296K
Analysis	21.95	4.00	5.83	49.50	9.78	8.94	343S
Rainbow Growing Mash	18.00	3.50	6.50	49.00			1339Y
Analysis ^e	19.76	3.54	6.00	52.20	9.99	8.51	342S
Rainbow Growing Mash	18.40	3.50	7.00	49.60			1339Y
Analysis ²⁸	19.09	3.52	5.08	54.63	9.48	8.20	222K
Rainbow 16% Protein Dairy Feed	16.00	3.00	11.00	51.00			1339A9
Analysis	17.95	2.95	10.08	52.75	9.74	6.53	468S
Rainbow 40% Protein Egg Mash Supplement	40.00	4.30	8.00	19.00			1339B3
Analysis ^k	42.74	4.33	5.35	20.48	7.84	19.26	44K
Rainbow 18% Protein Egg Mash	18.00	3.50	7.50	50.00			1339B9
Analysis	19.70	3.94	5.97	53.24	10.05	7.10	469S
Rainbow Sweet Feed	10.00	1.80	15.00	49.50			1339C1
Analysis	10.64	1.55	15.83	50.96	10.01	11.01	2K
Rainbow 18% Protein Dairy Feed	18.00	3.00	11.00	45.00			1339C5
Analysis ^k	18.21	3.39	9.55	52.12	9.56	7.17	80K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁷Excess of salt found.²⁸Deficient in ground limestone.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Bay City Rice Mills, Inc., Bay City, Texas.							
Rice Polishings	11.00	10.00	3.50	55.00	-----	-----	457A
Analysis ²⁰	12.00	10.33	2.38	55.69	11.15	8.45	115M
Rice Bran containing Precipitated Carbonate of Lime	12.00	12.00	12.00	42.00	-----	-----	457B
Analysis ³⁰	12.00	13.06	8.13	44.43	10.35	12.03	127H
Analysis ³⁰	12.60	12.20	10.25	40.85	10.55	13.55	199M
Beaumont Rendering Plant, Beaumont, Texas.							
"Beau" Brand 47% Protein Meat and Bone Scraps	47.00	10.00	3.00	0.00	-----	-----	316A
Analysis ^c	42.89	14.25	1.80	3.52	6.90	30.64	90M
Beaumont Rice Mills, Beaumont, Texas.							
Rice Polishings	11.00	6.00	3.00	55.00	-----	-----	494A
Analysis ³¹	12.12	7.94	2.16	60.98	11.74	5.06	247M
Rice Bran containing Limestone	13.00	13.00	15.00	36.00	-----	-----	494B
Analysis	12.20	13.59	11.51	39.75	10.48	12.47	307M
Analysis	14.09	15.71	11.40	35.56	11.13	12.11	397T
Beck, E. E., Cleburne, Texas.							
Beck's 16% Protein Dairy Feed	16.00	3.00	10.70	59.50	-----	-----	1790A
Analysis ³²	16.07	3.11	9.24	55.26	10.39	5.93	590W
Beeville Feed & Seed Company, Beeville, Texas.							
Russell's 24% Protein Dairy Feed	24.00	3.70	10.00	42.00	-----	-----	1774D
Analysis ³³	24.50	4.39	10.72	42.52	11.09	6.78	305H
Leghorn Brand Chick Starter	17.00	3.50	6.00	51.00	-----	-----	1774F
Analysis ³⁴	18.76	5.51	5.55	51.45	10.36	8.37	306H
Bells Milling Company, Bells, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00	-----	-----	1106E
Analysis ^{35/c}	6.16	1.92	17.05	58.09	12.55	4.23	96T
Belton Feed & Produce Company, Belton, Texas.							
McQueen & Taylor Sweet Cow Feed	19.00	3.50	16.00	44.50	-----	-----	212B
Analysis ³⁶	19.84	4.29	12.00	47.37	10.27	6.23	540W
Berend Brothers, Gainesville, Texas.							
B&B Dairy Feed	15.00	3.00	15.00	46.50	-----	-----	1527A
Analysis ³⁷	15.64	2.64	11.53	53.99	10.38	5.82	605T
Screenings and Molasses	8.00	2.00	8.00	61.00	-----	-----	1527M
Analysis	11.42	2.00	9.08	56.48	10.93	10.09	295T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁰Carbonate of lime found.³⁰Excess of precipitated carbonate of lime found.³¹Carbonate of lime found.³²Ground whole oats found, not claimed. Alfalfa meal claimed, not found. Excess of ground amorphous limestone found.³³Brewers' type yeast claimed, not found. Alfalfa leaf meal found, not claimed.³⁴Rice bran found, not claimed.³⁵Excess of corn cobs and husks present.³⁶Ground peanut hay found, not claimed.³⁷Cane molasses claimed, not found. Ground whole barley found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Bewley Mills, Fort Worth, Texas.							
Anchor 18% Protein Dairy Feed	18.00	3.30	10.50	46.00			40
Analysis ^{28e}	20.27	2.64	8.40	51.73	12.06	4.90	249M
Anchor 18% Protein Dairy Feed	18.00	3.50	10.50	46.00			40
Analysis	18.11	2.60	7.74	55.61	10.94	5.00	422S
Anchor Milo-Kafir Feed Meal	10.00	2.50	3.00	70.00			4P
Analysis ²⁸	10.30	2.50	1.77	70.26	13.83	1.34	243M
Anchor Wheat Bran, Wheat Brown Shorts and Screenings	14.50	3.50	9.20	55.00			4R
Analysis	17.48	4.53	8.47	53.79	10.03	5.70	518M
Anchor 24% Protein Dairy Feed	24.00	3.80	10.00	40.00			4X
Analysis	25.39	2.43	5.78	47.62	12.60	6.18	111H
Analysis	24.38	2.50	7.89	49.86	9.48	5.89	1K
Analysis ²⁸	23.74	2.84	7.77	49.56	11.56	4.53	250M
Blue Anchor 16% Protein Mixed Feed	16.00	2.00	13.00	48.00			4Y
Analysis	17.32	3.23	7.27	53.17	13.04	5.97	500W
Joy Stock Feed	9.00	2.00	16.00	56.00			4A6
Analysis	14.58	2.34	6.25	61.75	9.82	5.26	302K
Anchor Sheep Feed Chunkets	16.00	2.50	8.00	51.00			4A7
Analysis	19.78	2.51	6.81	56.11	8.89	5.90	44W
Blue Anchor 5 Egg Mash	19.00	3.50	7.50	45.00			4B2
Analysis	20.96	5.31	7.98	45.82	10.06	9.87	112H
Analysis	20.23	4.25	5.45	52.19	9.87	8.01	144K
Analysis ²⁹	14.87	3.50	7.70	57.41	11.24	5.28	333M
Analysis	20.80	3.63	7.47	54.52	5.63	7.95	506M
Analysis	19.60	3.70	6.50	53.43	10.35	6.42	551T
Analysis	20.61	4.08	6.92	48.51	10.83	9.05	373W
Anchor 30% Protein Supplement Chunkets for Swine	30.00	3.50	7.00	35.00			4C5
Analysis ²⁸	30.45	4.39	7.61	35.03	8.85	13.67	575W
Big B Sweet Feed	9.00	1.60	15.00	53.00			4D9
Analysis	9.90	2.17	7.70	61.87	11.13	7.23	41K
Analysis ⁴⁰	12.13	2.30	12.70	51.55	11.54	9.78	313W
Anchor Wheat Gray Shorts and Screenings	16.00	3.50	6.00	55.00			4E4
Analysis	15.56	3.70	5.49	58.93	12.28	4.04	176K
Analysis	17.25	4.15	5.16	55.14	12.52	5.78	97M
Analysis	15.78	3.09	5.91	58.77	11.91	4.54	562M
Analysis	17.00	4.19	5.48	57.63	11.73	3.97	259T
Analysis ²⁸	18.26	4.30	5.95	55.95	11.59	3.95	555W
Anchor Egg Mash	20.00	3.80	7.20	45.80			4F3
Analysis	19.92	4.50	7.09	48.21	11.23	9.05	113H
Analysis	20.26	4.81	6.28	49.25	10.94	8.46	61K
Analysis ^{41b}	20.30	5.05	6.47	47.97	10.79	9.42	147M
Anchor Growing Mash	17.00	3.60	7.00	51.00			4F4
Analysis ⁴²	18.93	3.80	5.37	55.07	10.31	6.52	17J
Analysis	19.09	4.43	6.66	51.26	10.55	8.01	341M
Analysis ⁴³	17.70	4.38	6.18	53.99	10.55	7.20	592W
Anchor Chick Starter	18.00	3.80	6.20	51.30			4F5
Analysis	19.00	4.77	6.19	52.26	9.80	7.98	482W
Blue Anchor 24% Protein Dairy Feed	24.00	3.50	10.00	42.00			4G6
Analysis ⁴⁴	24.60	3.11	7.88	48.53	11.06	4.82	522T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁸Deficient in ground limestone and salt.²⁹Deficient in meat and bone scraps, ground oyster shell and salt.⁴⁰Deficient in ground limestone.⁴¹Tags incomplete. Deficient in ground oyster shell.⁴²Deficient in salt.⁴³Deficient in ground oyster shell and salt.⁴⁴Deficient in ground limestone.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in *italics* following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Bewley Mills, Fort Worth, Texas.—Cont'd.							
Anchor All-Mash Starter	16.00	3.80	6.50	53.80			4G8
Analysis ^k	18.32	4.44	6.39	53.12	10.08	7.65	340M
Analysis	18.38	4.15	5.21	56.68	9.57	6.01	553M
Analysis	17.48	4.53	5.15	57.28	10.03	5.53	410T
Analysis ⁴³	15.45	3.90	7.05	56.61	11.51	5.48	490T
Analysis ⁴⁶	17.49	4.36	5.89	55.66	10.60	6.00	417W
Anchor 32% Protein Supplement for Poultry	32.00	4.30	7.00	23.00			4G9
Analysis ⁴³	32.02	3.27	7.56	35.19	8.59	13.37	611W
Blue Anchor Fattening Mash	13.00	4.20	8.00	56.00			4H2
Analysis	14.18	5.10	7.37	58.55	9.61	5.19	228K
Anchor 16% Protein Cattle and Sheep Feed Chunkets	16.00	2.50	8.00	51.00			4K4
Analysis	19.50	2.86	6.74	53.46	10.76	6.68	195H
Analysis	17.09	2.73	8.40	55.64	8.88	7.26	157S
Bibb Company, H. T., Fort Worth, Texas.							
43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00			1972E
Analysis	42.60	5.57	9.65	27.53	8.29	6.36	509T
Analysis	42.86	5.60	9.57	27.51	7.93	6.53	579T
18% Protein Dairy Feed	18.00	3.80	13.00	44.00			1972P
Analysis	20.00	4.55	10.07	45.12	10.73	9.53	508T
41.12% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00			1972Z
Analysis ⁴⁴	41.13	5.78	10.40	28.50	7.60	6.59	556W
Bibb's Worthy Brand Egg Mash	18.00	3.50	7.00	49.00			1972B3
Analysis	19.00	3.17	5.02	54.03	10.92	7.86	362T
41% Protein Cottonseed Cake	41.00	5.00	12.00	25.00			1972B6
Analysis ^{46d}	42.33	5.83	8.95	27.47	9.13	6.29	224T
Big Spring Cotton Oil Company, Big Spring, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			216D
Analysis	42.84	6.01	10.36	27.64	7.19	5.96	202K
Analysis	43.65	6.28	11.25	25.98	7.78	5.06	100S
Analysis	42.65	6.16	10.54	27.75	6.99	5.91	159S
Analysis	44.29	6.40	9.40	26.80	7.33	5.78	274S
Analysis	44.37	6.64	10.13	25.93	7.17	5.76	283S
Analysis	43.23	6.63	9.52	27.62	6.99	6.01	398S
Analysis	43.19	6.73	9.80	27.34	6.89	6.05	402S
Analysis	43.30	6.50	10.47	26.44	7.28	6.01	477S
Analysis	42.59	6.97	10.94	25.90	7.94	5.66	C
43% Protein Cottonseed Pellets	43.00	6.00	12.00	23.00			216F
Analysis ⁴⁴	41.41	6.16	10.28	26.81	9.97	5.37	282S
Analysis	42.59	6.32	9.82	26.32	9.27	5.68	401S
Big Spring Feed & Seed Company, Big Spring, Texas.							
All-Mash Laying Ration	15.00	3.50	5.00	59.00			923A
Analysis	16.85	3.52	3.01	62.46	8.82	5.34	636S
Big Value Mills, Dallas, Texas.							
Big Value Brand Growing Mash	18.00	4.00	8.00	50.00			2263T
Analysis	21.99	4.05	6.04	47.98	10.95	8.99	513T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴³Deficient in ground oyster shell and salt.

⁴⁴Deficient in ground oyster shell.

⁴⁶Not tagged, but tags furnished.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued(The guaranties are printed in *italics* following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Big Value Mills, Dallas, Texas.—Cont'd.							
Big Value Brand Egg Mash.....	20.00	4.00	8.00	45.00	—	—	2263X
Analysis.....	20.80	5.33	5.37	50.86	9.86	7.78	310T
Big Value Brand All-Mash Starter.....	16.00	4.00	7.00	54.00	—	—	2263Z
Analysis ^{kb}	18.29	5.07	5.03	55.65	10.08	5.88	311T
Bishop, L. R., Matador, Texas.							
Bishop's Dairy Feed.....	18.00	3.00	12.00	49.00	—	—	1435C
Analysis.....	19.05	3.02	11.16	52.08	8.62	6.07	178K
Bishop Grain & Coal Company, Memphis, Texas.							
Bishop's Hallico Egg Mash.....	18.00	3.50	8.00	49.50	—	—	2189B
Analysis.....	18.80	3.90	5.69	53.18	11.48	6.95	380S
Bishop's Best Growing Mash.....	16.00	3.50	7.00	52.80	—	—	2189L
Analysis.....	16.52	3.68	6.96	55.00	10.53	7.31	141K
Bishop Milling Company, Bishop, Texas.							
Hegari Meal.....	10.00	2.50	3.00	70.00	—	—	2076D
Analysis.....	11.49	2.42	2.59	71.33	10.25	1.92	50M
Velvet Brand Chick Starter.....	18.00	4.00	6.00	51.00	—	—	2076N
Analysis.....	19.82	4.15	6.13	53.26	10.42	6.22	378H
Velvet Brand Growing Mash.....	17.00	3.50	6.50	51.00	—	—	2076O
Analysis.....	18.66	3.77	6.81	54.37	10.07	6.32	379H
Velvet Brand Laying Mash.....	18.50	4.00	7.00	50.00	—	—	2076P
Analysis.....	19.40	4.60	6.40	49.76	11.40	8.44	159H
Velvet Brand Ground Screenings from Milo and Kafir with Molasses.....	8.50	2.40	8.00	61.00	—	—	2076W
Analysis.....	10.65	2.80	8.98	57.45	13.39	6.73	387H
Velvet Big Value Brand Laying Mash.....	18.00	3.60	6.00	51.00	—	—	2076X
Analysis ⁴⁷	18.80	4.12	5.29	52.38	10.17	9.24	239H
Velvet Brand 38% Protein Supplement for Hogs.....	38.00	4.00	7.00	20.00	—	—	2076Z
Analysis ⁴⁷	36.90	8.69	7.27	18.91	6.84	21.39	16H
Analysis ⁴⁸	35.00	8.30	7.09	19.35	7.85	22.41	160H
Analysis.....	41.40	12.91	6.48	19.13	4.75	15.33	377H
Velvet Brand Bordens 15% Protein Dairy Feed.....	15.00	3.00	8.00	56.30	—	—	2076B4
Analysis ^{kb}	16.30	3.07	5.13	60.30	9.48	5.72	503H
Velvet Brand Bordens 18% Protein Dairy Feed.....	18.00	3.00	9.00	50.50	—	—	2076B5
Analysis ^{kb}	20.50	3.47	7.02	52.46	9.99	6.56	504H
Velvet Brand Bordens 22% Protein Dairy Feed.....	22.00	3.00	13.00	42.00	—	—	2076B6
Analysis ^{kb}	23.20	3.51	9.66	44.83	9.81	8.99	505H
Black, E. R., Gatesville, Texas.							
Sunny Texas Laying Mash.....	19.00	3.50	6.00	51.50	—	—	2148A
Analysis ⁴⁹	19.68	4.65	4.47	52.44	11.50	7.26	551W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴⁷Milo meal found, not claimed. Wheat gray shorts claimed, not found.⁴⁸Excess of ground limestone found.⁴⁹Deficient in ground oyster shell.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Black, E. R., Gatesville, Texas—Cont'd.							
Sunshine All-Mash Chick Starter	17.00	3.00	5.00	54.00	-----	-----	2148E
Analysis ⁵⁰	17.05	3.44	4.53	58.33	9.75	6.90	613W
Sunshine Hog Feed	14.00	3.00	4.50	58.00	-----	-----	2148H
Analysis	15.30	3.82	3.32	60.42	10.07	7.07	60W
Blackburn Feed Store, Waco, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00	-----	-----	258A
Analysis ⁵²	6.70	3.35	9.92	66.25	12.23	1.55	186W
Blair Elevator Corporation, The, Atchison, Kansas.							
Certified Brand Starting Mash	16.00	4.00	5.50	52.50	-----	-----	696J
Analysis	17.88	3.83	4.24	56.86	10.73	6.46	534W
Valley Laying Mash	18.00	3.50	8.00	48.00	-----	-----	696N
Analysis ⁵¹	17.32	3.80	5.30	55.31	10.84	7.43	638W
Blair Milling Company, The, Atchison, Kansas.							
Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00	-----	-----	2349B
Analysis	16.39	3.60	5.89	59.32	10.32	4.48	645T
Analysis	16.91	3.50	5.87	57.35	11.80	4.57	66W
Blatchford Calf Meal Company, Waukegan, Illinois.							
Blatchford's Calf Meal	25.00	4.50	6.00	44.50	-----	-----	2149A
Analysis ⁵²	26.54	4.36	6.06	44.74	10.77	7.53	26K
Bledsoe Feed & Fuel Company, San Angelo, Texas.							
Bledsoe's Winner Brand Dairy Cow Feed	17.50	3.80	11.00	49.00	-----	-----	78A
Analysis	18.10	4.08	11.18	49.11	10.69	6.84	35S
Triple-Concho Laying Mash	18.00	3.50	6.00	49.00	-----	-----	78B
Analysis	17.82	4.01	4.97	56.22	10.42	6.56	318S
Triple-Concho Starting and Growing Mash	18.00	3.60	6.00	53.00	-----	-----	78C
Analysis	18.72	4.09	5.58	54.47	9.61	7.53	434S
Blue Bonnet Packing Company, Fort Worth, Texas.							
50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00	-----	-----	985A
Analysis ^c	49.45	10.33	1.87	2.18	6.91	29.26	54T
Analysis ^{53c}	48.47	12.09	2.14	1.28	6.70	29.32	421T
Analysis	47.82	12.23	1.83	1.07	7.93	29.12	511T
60% Protein Digester Tankage	60.00	2.50	3.00	0.00	-----	-----	985C
Analysis ^{51b}	65.75	5.86	1.85	7.55	13.41	5.58	326T
Bob's Feed Store, Abilene, Texas.							
Bob's Special Egg Mash	18.00	3.50	6.50	47.50	-----	-----	1351A
Analysis	19.69	4.95	6.09	49.50	10.22	9.55	58S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁵⁰Deficient in ground limestone and excess of salt found.⁵¹Fish meal claimed, not found. Milo meal found, not claimed.⁵²Blood flour claimed, not found.⁵³Carbonate of lime found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued(The guaranties are printed in *italics* following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Bob's Feed Store, Arlene, Texas.—Cont'd.							
Bob's AAA Brand Laying Mash	20.50	3.60	7.50	43.00			1351B
Analysis	22.00	4.73	7.53	46.69	9.98	9.07	523S
Bob's AAA Brand All-Mash							
Starter and Grower	17.00	3.50	7.00	51.50			1351C
Analysis	18.34	4.06	7.21	52.01	10.65	7.73	522S
Bob's Pay-Day Brand Egg Mash	19.00	3.70	8.00	48.00			1351G
Analysis	19.37	4.19	8.79	51.09	9.35	7.21	587S
Bob's Pay-Day Brand Calf Meal	23.00	3.50	6.70	46.50			1351I
Analysis	25.59	4.28	6.09	46.80	10.78	6.46	247T
Bode Feed Store, Kerrville, Texas.							
Bode 20% Protein Dairy Feed	20.00	3.60	12.00	44.50			865C
Analysis ⁵⁴	19.81	3.98	10.96	45.24	9.90	10.11	44H
Bonner Feed Company, Athens, Texas.							
Bonner's Special 5 Brand Egg Mash	19.00	4.00	7.50	45.00			1167E
Analysis	21.20	4.11	6.96	47.27	10.06	10.40	25J
Bonner's Special Chick Starter Mash	19.00	3.60	5.80	50.40			1167H
Analysis	20.08	3.85	5.50	51.68	10.85	8.04	484T
Borgstedte, E. F., Washington, Texas.							
Borgstedte's Best Laying Mash	18.50	3.60	6.50	46.00			400A
Analysis	18.96	4.92	7.00	49.47	10.22	9.43	391M
Bower Feed Store, Graham, Texas.							
Special Egg Mash	18.00	3.50	8.00	49.00			2083J
Analysis ⁵⁵	19.21	5.34	8.25	48.94	9.12	9.14	11T
Bower's Laying Mash	18.00	3.70	7.00	48.50			2083Q
Analysis	20.28	4.28	6.90	49.52	10.10	8.92	106T
Bradfish Grain Company, Weatherford, Texas.							
We-Tex Alfalfa Meal and Molasses	10.50	0.90	25.00	42.50			1920I
Analysis	12.88	1.31	27.30	40.88	8.75	8.88	391T
Analysis	8.93	1.10	29.11	42.40	11.53	6.93	581T
We-Tex Dairy Feed	24.00	3.60	12.00	42.00			1920N
Analysis ⁵⁶	19.65	3.55	10.56	48.80	10.87	6.57	45T
We-Tex Sweet Feed No. 2	14.00	2.50	17.00	43.50			1920U
Analysis	15.45	2.56	12.64	48.23	11.70	9.42	46T
Bradley Feed Company, Weatherford, Texas.							
O. K. Brand Egg Mash	18.50	3.60	6.00	47.00			697G
Analysis	19.98	4.08	5.76	52.00	9.44	8.74	48T
Analysis ⁵⁷	20.14	3.70	5.33	51.13	11.12	8.58	328T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁵⁴Excess of ground oyster shell found.⁵⁵Excess of salt found.⁵⁶Ground whole barley and corn cobs found, not claimed.⁵⁷Excess of calcium carbonate found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Brady Cotton Oil Company, Brady, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	—	—	1074E
Analysis.....	44.11	5.61	12.15	25.73	6.92	5.48	45H
Analysis.....	43.43	5.69	11.65	26.37	7.11	5.75	51W
Analysis.....	43.16	5.50	12.19	26.34	7.23	5.58	170W
43% Protein Cracked Cotton- seed Cake.....	43.00	6.00	12.00	23.00	—	—	1074F
Analysis.....	43.24	5.41	11.83	26.22	7.64	5.66	274W
Brazoria Grain Company, Brazoria, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	—	—	1001A
Analysis.....	7.28	3.15	11.19	64.00	12.60	1.78	196M
Corn Chop.....	9.00	3.50	3.00	70.00	—	—	1001B
Analysis.....	8.38	4.30	2.25	71.51	12.10	1.46	197M
Corn Bran.....	8.00	5.00	12.00	60.00	—	—	1001C
Analysis.....	7.65	3.95	12.15	64.60	10.22	1.43	198M
Brazos Valley Cotton Oil Com- pany, Waco, Texas.							
Longhorn Brand 43% Protein Cottonseed Meal.....	43.00	5.00	12.00	23.00	—	—	1254C
Analysis ⁵⁸	42.37	6.68	10.46	26.22	8.61	5.66	52H
Analysis.....	44.01	5.43	10.13	26.92	7.07	6.44	157M
Analysis.....	43.00	6.06	10.58	26.99	7.36	6.01	40S
Analysis.....	43.57	6.43	10.15	26.13	7.44	6.28	41S
Analysis.....	42.98	6.23	10.60	27.05	7.11	6.03	330T
Analysis ^c	42.11	6.09	11.27	26.91	7.74	5.88	613T
Analysis.....	42.91	7.05	11.23	26.97	6.07	5.77	1W
Analysis.....	43.03	6.64	9.90	26.45	8.30	5.68	50W
Analysis.....	43.93	6.11	10.30	25.79	7.80	6.07	90W
Analysis ^c	42.44	6.57	10.12	27.97	6.53	6.37	250W
Longhorn Brand 43% Protein Cottonseed Cake.....	43.00	5.00	12.00	23.00	—	—	1254D
Analysis ^c	41.86	5.69	10.46	27.07	9.31	5.61	64W
Analysis.....	43.93	6.08	11.41	25.07	7.51	6.00	171W
Longhorn Brand Mixed Feed.....	11.80	1.70	38.00	36.00	—	—	1254E
Analysis.....	12.30	1.47	37.12	39.02	6.55	3.54	632W
Longhorn Brand 43% Protein Cottonseed Pellets.....	43.00	5.00	12.00	23.00	—	—	1254F
Analysis.....	42.65	6.48	10.85	24.99	9.41	5.62	70W
Analysis.....	44.48	6.68	9.75	26.44	6.37	6.28	281W
Analysis.....	43.22	6.29	9.79	27.81	6.74	6.15	291W
Analysis ^c	42.28	7.62	8.63	27.98	6.84	6.65	432W
Bredt & Haley Produce Company, Rockdale, Texas.							
Roc-Tex Brand Laying Mash.....	20.00	3.50	6.00	50.00	—	—	2244B
Analysis.....	20.50	4.73	6.19	49.16	10.64	8.78	326W
Roc-Tex Brand B. & H. Special Chick Starter.....	17.00	3.80	6.00	51.00	—	—	2244E
Analysis.....	18.45	3.33	3.68	56.33	10.73	7.48	568W
Roc-Tex Brand B & H Special Laying Mash.....	18.50	4.00	8.00	45.00	—	—	2244F
Analysis.....	18.38	6.05	6.32	49.38	10.26	9.61	472W
Roc-Tex Brand Complete Hog Ration.....	14.00	4.70	7.00	50.70	—	—	2244J
Analysis ⁵⁹	14.63	4.11	2.57	61.70	10.78	6.21	643W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁵⁸Weevils present.

⁵⁹Deficient in ground oyster shell and salt.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Bredt & Haley Produce Company, Rockdale, Texas—Cont'd.							
P. B. S. Mixed Feed	12.00	7.00	10.00	47.00			2244K
Analysis ⁶⁰	13.14	8.94	8.55	47.03	10.30	12.04	567W
Roc-Tex Economy Brand Growing Mash	15.00	3.50	6.70	55.00			2244T
Analysis	17.36	3.03	3.75	58.43	10.43	7.00	637W
Brightman & Son, Comanche, Texas.							
Brightman's Hi-Lo Egg Mash	18.00	3.50	8.00	48.00			2308H
Analysis	18.20	4.29	6.89	52.58	9.33	8.71	147W
Broadway Feed Store & Hatchery, Houston, Texas.							
Scratch Feed	10.00	3.00	3.50	70.00			691A
Analysis	11.12	3.03	1.98	71.07	11.25	1.55	536M
Bronstad Gin, The, Clifton, Texas.							
Bronstad's Best Baby Chick Starter	17.00	3.50	5.00	56.00			1319A
Analysis	17.90	4.39	3.93	56.69	10.89	6.20	392W
Bronstad's Best Laying Mash	18.00	3.60	7.00	48.00			1319C
Analysis	19.20	4.14	6.28	49.88	9.72	10.78	234W
Brookins Feed & Poultry, Breckenridge, Texas.							
Ground Whole Oats	11.00	4.00	12.00	58.00			396I
Analysis ⁶¹	9.75	5.53	13.49	56.33	10.40	4.50	270T
Brown, M. E., Red Oak, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00			1070B
Analysis	8.30	3.06	8.90	66.25	11.60	1.89	121W
Brown Feed Store, Fort Worth, Texas.							
Brown's Special Cow Feed	18.00	3.40	11.50	41.00			1140E
Analysis	19.00	3.46	10.53	49.75	10.53	6.73	53T
Brown's Chick Growing Mash	16.50	3.50	5.50	54.00			1140F
Analysis	17.40	4.09	4.61	56.32	10.69	6.89	52T
Analysis	17.43	4.07	4.73	55.63	11.07	7.07	403T
Analysis ⁶²	17.30	3.78	5.11	57.25	9.78	6.78	635T
Brown's Supreme Brand 20% Protein Egg Mash	20.00	3.50	5.80	48.40			1140G
Analysis	20.33	4.25	4.41	53.00	9.20	8.81	636T
Brownfield Milling Company, Brownfield, Texas.							
Paramount Brand Growing Mash	15.00	3.50	6.00	55.00			316M
Analysis ⁶³	15.60	3.73	5.34	58.82	9.72	6.79	206K
Analysis	15.10	3.55	5.79	59.03	9.40	7.13	471S
Paramount Brand Laying Mash	18.00	3.50	6.50	47.00			316O
Analysis ⁶⁴	17.98	4.34	6.69	52.66	10.01	8.32	390S
Paramount Extra-High Quality Brand Chick Starter	17.00	3.50	7.00	50.00			316P
Analysis	18.26	4.25	6.74	51.49	10.29	8.97	391S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁶⁰Excess of ground limestone found.⁶¹Largely whole oats. Some ground whole barley present.⁶²Alfalfa meal claimed, not found.⁶³Excess of ground limestone found.⁶⁴Ground whole oats found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Brown Grain Company, Bailey, Texas.							
Ground Whole Oats.....	11.00	4.00	12.00	58.00			1681B
Analysis.....	10.27	5.17	13.03	55.92	10.32	5.29	10T
Browning Grain Company, Sweetwater, Texas.							
Our-Own Mix Dairy Feed.....	17.00	3.30	13.50	46.00			2665A
Analysis ⁶⁵	17.70	3.89	9.34	51.48	10.30	7.29	270W
Square Deal Brand Laying Mash.....	19.00	3.60	6.00	48.00			2665C
Analysis.....	19.59	4.50	4.55	50.20	9.61	11.55	542S
Special Square Deal Brand Egg Mash.....	18.00	3.50	6.00	48.00			2665D
Analysis.....	20.59	2.74	4.95	50.59	9.73	11.40	74S
Brownwood Cotton Oil Mill, Brownwood, Texas.							
Cotton Bloom Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			310A
Analysis.....	43.45	7.63	10.36	24.64	7.83	6.09	242W
Analysis.....	43.10	6.31	10.58	26.54	7.39	6.08	398W
Analysis.....	42.59	6.52	10.81	26.69	7.08	6.31	408W
Cotton Bloom Brand 43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00			310G
Analysis.....	42.62	7.92	15.44	21.75	7.84	4.43	146S
Analysis ⁶⁵	42.16	7.92	15.66	20.72	8.24	5.30	153T
Analysis.....	42.99	7.38	16.17	20.57	7.96	4.93	71W
Panther Brand Sweet Feed.....	9.00	1.80	24.00	43.00			310K
Analysis ⁶⁶	8.33	1.96	29.12	35.35	11.78	13.46	527S
Cotton Bloom Brand Laying Mash.....	21.00	4.00	7.00	44.00			310L
Analysis.....	22.16	5.05	6.58	47.08	9.31	9.82	1S
Cotton Bloom Brand 44% Protein Supplement for Hogs.....	44.00	6.50	10.00	16.50			310M
Analysis.....	43.44	6.27	11.98	17.49	7.32	13.50	587T
Cotton Bloom Brand Growing Mash.....	18.00	4.00	6.50	52.00			310R
Analysis.....	20.73	5.35	5.93	50.42	9.63	7.94	511S
Analysis.....	19.55	4.38	5.56	52.27	10.05	8.19	605W
Cotton Bloom Brand Chick Starter.....	19.00	4.00	6.00	50.00			310S
Analysis.....	19.60	4.68	5.15	53.36	9.75	7.46	510S
Panther Brand Laying Mash.....	19.00	4.00	7.50	46.00			310U
Analysis.....	19.98	4.44	8.39	48.27	10.40	8.52	255W
Panther Brand Laying Mash Pellets.....	19.00	4.00	7.50	46.00			310V
Analysis.....	19.20	4.52	8.20	49.72	9.79	8.57	149T
Cotton Bloom Brand Chick Starter Pellets.....	19.00	4.00	6.00	50.00			310X
Analysis ⁶⁵	19.70	4.48	4.96	52.95	9.52	8.39	245T
Cotton Bloom Brand 15% Protein Range Feed Pellets.....	15.00	4.00	12.00	46.00			310A1
Analysis ⁶⁶	17.23	3.63	11.98	45.78	10.67	10.71	52S
Cotton Bloom Brand 20% Protein Range Feed Pellets.....	20.00	4.50	10.50	43.00			310A2
Analysis.....	20.22	4.11	10.12	43.65	10.69	11.21	39S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁶⁵Crimped whole barley found, not claimed.⁶⁶Deficient in ground oyster shell and excess of salt found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Brownwood Cotton Oil Mill, Brownwood, Texas—Cont'd.							
Cotton Bloom Brand 43% Protein Cottonseed Pellets	43.00	6.00	12.00	23.00	—	—	310A4
Analysis ^c	41.47	6.27	11.36	27.03	8.42	5.44	241T
Analysis ^c	41.50	6.43	11.96	26.14	8.48	5.44	243W
Analysis ^c	42.21	6.35	10.92	25.55	8.92	6.05	275W
Cotton Bloom Brand 43% Protein Peanut Pellets	43.00	6.00	12.00	23.00	—	—	310A5
Analysis	43.28	6.61	14.73	25.09	5.21	5.08	108S
Analysis	42.66	7.13	14.37	22.60	7.49	5.75	409W
Cotton Bloom Brand 16% Protein Dairy Feed	16.00	3.50	12.00	46.50	—	—	310A7
Analysis	18.05	4.10	10.93	43.99	10.66	12.27	618S
41% Protein Soybean Oil Meal	41.00	6.00	6.00	28.00	—	—	310B9
Analysis ^a	45.84	5.51	6.08	27.16	9.02	6.39	53W
Brownwood Feed Mill, Brownwood, Texas.							
Farmers Friend Brand Egg Mash	18.50	3.50	7.50	50.00	—	—	1367E
Analysis ^g	18.50	3.75	7.61	52.92	10.65	6.57	151S
Analysis	18.70	3.85	7.63	52.24	10.61	6.97	250T
Analysis ^h	18.08	4.36	9.22	51.32	11.10	5.92	354W
Bryan Cotton Oil & Fertilizer Company, Bryan, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	—	—	403D
Analysis ^c	42.16	6.87	9.97	26.81	7.53	6.66	108W
43% Protein Cottonseed Cake	43.00	6.00	12.00	23.00	—	—	403E
Analysis ^c	42.11	6.44	9.48	27.26	8.12	6.59	343W
41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00	—	—	403M
Analysis ^k	37.95	6.08	11.96	29.83	7.94	6.24	556M
Bryan Feed & Seed Company, Inc., Bryan, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00	—	—	1673A
Analysis ^{da}	7.73	3.27	9.71	65.92	11.66	1.71	128M
Milo Chop	10.00	2.50	3.00	70.00	—	—	1673B
Analysis	10.99	2.53	2.34	69.52	12.88	1.74	335M
Ground Whole Oats	11.00	4.00	12.00	58.00	—	—	1673C
Analysis	10.16	5.21	14.48	56.23	9.74	4.18	334M
Future Farmers' Brand Special Developing Mash	17.60	3.30	6.00	53.00	—	—	1673D
Analysis	18.25	4.11	4.71	54.73	10.34	7.86	555M
Bryant Coal & Grain Company, Lamesa, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00	—	—	1457E
Analysis	7.15	3.02	10.71	65.53	10.81	2.78	456T
Bryant Dairy Feed	21.00	3.70	11.00	44.00	—	—	1457H
Analysis	21.15	4.27	8.57	48.86	8.88	8.27	278S
Buckeye Cotton Oil Company, The, Cincinnati, Ohio.							
Buckeye 41% Protein Soybean Oil Meal	41.00	4.50	7.00	29.00	—	—	1169A
Analysis	45.70	4.34	5.59	28.69	8.58	7.10	153S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

^gDeficient in ground oyster shell and excess of salt found.^hDeficient in ground oyster shell.^kReplaced with 43% protein cottonseed meal.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Burden's Feed Mill, Hico, Texas.							
Baby Chick Starter.....	17.00	3.60	6.20	51.00	-----	-----	155D
Analysis.....	16.91	4.61	4.90	55.63	10.06	7.89	518W
Burdett Feed Store, El Paso, Texas.							
Rosedale Laying Mash.....	19.00	3.50	7.00	44.00	-----	-----	938A
Analysis ⁷⁰	21.14	5.07	6.43	47.71	8.59	11.06	20S
Rosedale Dairy Feed.....	18.00	3.60	12.00	47.00	-----	-----	938C
Analysis.....	18.10	4.94	11.71	49.74	8.83	6.68	411S
Burleson Grain Company, Tahoka, Texas.							
Milo Head Chop.....	8.50	2.50	8.00	55.00	-----	-----	1814B
Analysis.....	10.18	2.23	7.06	65.67	10.92	3.94	585W
Our-Own Brand All-Mash Chick Starter Ration.....	16.50	3.50	6.60	53.00	-----	-----	1814P
Analysis.....	17.46	3.50	5.89	57.77	9.75	5.63	393S
Lynn Egg Mash.....	18.00	3.50	6.00	54.00	-----	-----	1814Q
Analysis.....	20.17	3.70	3.75	56.61	9.80	5.97	287K
Burnett Machinery & Feed Company, Dumas, Texas.							
Burnett's Best Chick Starter Mash.....	17.00	3.50	6.50	52.00	-----	-----	1091G
Analysis ⁷¹	19.38	4.00	5.80	53.03	10.40	7.39	377S
Burnett's Best Growing Mash.....	16.70	3.50	6.50	53.00	-----	-----	1091H
Analysis.....	18.25	3.70	5.50	54.47	11.20	6.88	378S
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	-----	-----	1091R
Analysis ⁷²	8.78	3.65	5.82	64.84	13.75	3.16	82K
Burrus Feed Mill, Dallas, Texas, and Branches.							
Texo 24% Protein Dairy Feed.....	24.00	3.50	10.00	40.00	-----	-----	2013G
Analysis.....	23.98	2.63	9.20	43.51	11.39	9.29	239M
Corn Chop.....	9.00	3.50	3.00	70.00	-----	-----	2013O
Analysis ⁷³	10.39	3.96	1.79	72.26	10.48	1.12	86H
Corn Feed Meal.....	8.00	3.00	3.00	67.00	-----	-----	2013P
Analysis ⁷²	9.75	2.78	1.00	75.17	10.17	1.13	187K
Analysis ⁷²	9.70	3.23	.91	72.78	12.00	1.38	600T
Texo Grow Mash with Butter-milk and Cod Liver Oil.....	17.50	4.00	6.50	48.00	-----	-----	2013S
Analysis.....	21.90	3.35	7.07	48.61	9.75	9.32	164K
Peanut Hulls and Molasses.....	7.00	1.20	44.00	33.00	-----	-----	2013T
Analysis ⁷⁴	6.32	.58	39.69	34.06	12.88	6.47	8W
B-Line 24% Protein Dairy Feed.....	24.00	3.70	10.00	42.50	-----	-----	2013A1
Analysis ⁷⁴	24.77	2.05	8.50	45.24	11.23	8.21	406H
Analysis ⁷⁴	22.46	2.48	8.54	47.16	9.95	9.41	5W
Texo 18% Protein Dairy Feed.....	18.00	3.30	11.60	44.00	-----	-----	2013A6
Analysis ⁷⁵	20.54	3.02	11.72	45.40	11.34	7.98	507M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁷⁰Deficient in ground oyster shell.⁷¹Excess of ground limestone found.⁷²Corn meal.⁷³Sample resumed under tags attached.⁷⁴Milo meal found, not claimed. Excess of ground limestone found.⁷⁵Roller whole oats found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Burrus Feed Mill, Dallas, Texas, and Branches, —Continued.							
Texo All-Mash Starter with Buttermilk and Cod Liver Oil	19.00	4.00	7.00	51.00			2013B2
Analysis ⁷⁶	16.92	2.49	5.93	57.98	10.09	6.59	171K
Analysis	18.36	4.23	7.62	53.44	8.83	7.52	285K
Analysis ^{77j}	17.33	3.52	7.27	53.97	10.45	7.46	321T
Analysis	17.89	4.03	7.60	51.50	9.96	9.02	329T
Analysis ^{7b}	20.01	4.59	9.04	51.49	7.67	7.20	441W
Burrus Sweet 16% Protein Dairy Feed	16.00	4.00	13.00	45.50			2013B6
Analysis ⁷⁸	17.01	2.76	11.48	49.43	10.54	8.78	125W
Jumbo Brand Sweet Feed	10.00	2.00	30.00	40.00			2013C3
Analysis ^{77g}	8.52	1.23	31.85	36.33	12.58	9.44	238M
Analysis ^{78o}	9.70	1.67	32.72	36.85	10.81	8.25	288S
5 Star Laying Mash with Cod Liver Oil	20.00	3.70	7.50	44.00			2013C4
Analysis ⁷⁸	20.50	2.76	7.24	49.42	10.08	10.00	167H
Analysis ⁸¹	19.35	4.30	7.11	50.22	10.33	8.69	244H
Analysis	19.20	3.01	9.06	49.91	9.13	9.69	316H
Analysis ⁸²	20.13	3.25	6.95	51.19	9.66	8.82	457H
Analysis ⁸²	21.41	2.71	5.87	54.51	8.18	7.32	192K
Analysis ⁸³	21.59	2.84	8.66	48.71	10.27	7.93	266M
Analysis ⁸⁴	21.46	3.09	7.01	51.47	9.89	7.08	280T
Analysis ⁸⁵	20.28	2.94	8.13	51.01	9.46	8.18	94W
McCoy's Special Crimped Whole Oats, Alfalfa Meal, Ear Corn Chop with Husk, Molasses, Limestone, and Salt	8.30	2.00	14.00	52.00			2013D4
Analysis ⁸⁶	9.40	2.09	14.69	54.59	10.66	8.57	2013D4
Analysis ⁸⁷	8.70	1.95	13.03	55.64	12.68	8.00	71T
Texo Range Feed Cubes	16.00	3.00	8.00	48.00			2013F3
Analysis ⁸⁸	15.32	2.27	9.84	54.03	10.71	7.83	90H
Analysis ⁸⁸	14.69	1.64	10.51	54.03	10.13	9.00	27S
Analysis ⁸⁸	14.84	2.04	9.58	54.16	10.86	8.52	78S
Analysis ^{88e}	16.10	2.55	9.62	52.81	10.98	7.94	117S
Texo Range Feed Pellets	16.00	3.00	8.00	48.00			2013F3
Analysis	15.34	3.22	6.05	58.39	9.23	7.77	262H
Analysis	18.10	2.66	7.60	52.67	10.82	8.15	86K
Analysis ⁸⁹	16.04	2.37	9.26	54.41	9.46	8.46	182S
Analysis ⁸⁹	16.00	2.13	7.40	54.11	11.58	8.78	198S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁷⁶Kafir meal found, not claimed.

⁷⁷Salt found, not claimed.

⁷⁸Hegari chop found, not claimed.

⁷⁹Excess of salt found.

⁸⁰Cane molasses, brewers' dried grains, and ear corn chop with husk claimed, not found. Deficient in 43% protein cottonseed meal.

⁸¹Deficient in ground limestone and excess of salt found.

⁸²Corn gluten feed and ground whole barley found, not claimed. Deficient in ground limestone.

⁸³Deficient in ground limestone.

⁸⁴Deficient in ground whole oats.

⁸⁵Deficient in ground limestone and excess of salt found.

⁸⁶Ground peanut hulls, wheat bran, crimped whole barley, peanut meal, linseed meal, soybean oil meal, cottonseed meal, milo meal, and ground peanut hay found, not claimed. Deficient in ground limestone.

⁸⁷Ground whole barley found, not claimed. Deficient in ground limestone and excess of salt found.

⁸⁸In pellet form.

⁸⁹Excess of salt found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Burrus Feed Mill, Dallas, Texas, and Branches, —Continued.							
Texo Range Feed Pellets—Con.							
Analysis	16.00	2.04	8.30	53.16	11.97	8.53	199S
Analysis	18.10	2.79	7.53	54.44	8.07	9.07	421S
Analysis	17.61	2.21	7.60	51.78	13.15	7.65	502S
Analysis ^a	14.65	2.43	11.10	52.98	10.31	8.53	178T
Analysis ^b	14.83	2.29	10.91	53.75	10.25	7.97	168W
Analysis	17.78	2.61	7.96	52.67	9.35	9.63	Q
Burrus Winter-Weight Laying Mash	18.00	3.50	7.50	48.00			2013F6
Analysis ⁹⁰	19.74	2.75	6.48	53.45	10.64	6.94	390T
Analysis	19.43	3.64	7.26	52.43	10.20	7.04	126W
Texo Range Feed	16.00	3.00	8.00	48.00			2013G7
Analysis ^{k91}	16.90	2.17	6.42	53.90	11.88	8.73	192H
Analysis	16.64	2.18	7.90	52.43	11.39	9.46	483H
Analysis ^{k92}	16.30	2.20	8.00	53.93	11.87	7.70	272T
Analysis	18.02	3.35	7.48	53.96	9.09	8.10	405T
Analysis ^{k93}	14.80	1.95	8.99	53.91	11.48	8.87	57W
Wheat Bran and Screenings	14.50	3.00	10.00	50.00			2013H3
Analysis	16.95	4.27	8.10	55.36	9.75	5.57	403M
Burrus Summer-Weight Laying Mash	18.00	3.50	7.50	48.00			2013H6
Analysis	19.42	3.14	6.61	53.65	10.67	6.51	163K
Analysis	20.50	3.41	6.40	51.98	10.94	6.77	489T
Texo 32% Protein Range Feed Cubes	32.00	4.00	8.00	34.00			2013H9
Analysis ⁹⁴	31.29	2.37	10.16	39.71	8.41	8.06	U
Burrus 41% Protein Dairy Concentrate	41.00	5.00	7.50	30.00			2013J9
Analysis ⁹⁵	38.91	4.48	7.13	32.31	8.34	8.83	533T
Burrus Developing Mash	19.00	3.50	6.50	46.50			2013K2
Analysis	17.94	2.73	5.49	55.86	9.73	8.25	274K
B-Line All-Mash	15.00	3.50	8.00	52.00			2013K3
Analysis	16.35	2.63	7.04	56.30	10.79	6.89	50T
B-Line All-Mash Pellets	15.00	3.50	8.00	52.00			2013K9
Analysis ^{96e}	21.32	4.42	7.52	47.49	10.61	8.64	115T
Burrus B-Line All-Mash Pellets	15.00	3.50	8.00	49.00			2013K9
Analysis ^j	22.08	2.93	7.84	49.00	10.37	7.78	471W
Texo All-Purpose Sweet Feed	12.00	3.00	10.00	55.00			2013L6
Analysis ⁹⁷	13.18	3.20	9.95	52.85	10.73	10.09	527T
Texo Drying and Freshening Ration	13.00	2.40	16.00	49.00			2013M2
Analysis ⁹⁸	12.21	2.92	15.73	49.45	10.67	9.02	280S
Analysis ⁹⁹	14.74	3.47	13.92	47.14	9.89	10.84	439T
Burrus B-Line Hog Feed	14.00	3.00	6.50	58.50			2013M3
Analysis	13.73	2.70	4.55	62.81	11.02	5.19	634W
Texo 32% Protein Range Feed	32.00	4.00	8.00	34.00			2013M7
Analysis ^{d100}	30.96	2.67	10.27	39.86	8.11	8.13	T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁹⁰Deficient in ground limestone.⁹¹Raw bone meal and ground whole oats claimed, not found.⁹²Raw bone meal claimed, not found. Corn gluten feed found, not claimed.⁹³Excess of salt found.⁹⁴Milo meal claimed, not found.⁹⁵Linseed meal claimed, not found.⁹⁶Excess of salt found.⁹⁷Cottonseed meal found, not claimed.⁹⁸Deficient in ground limestone and excess of salt found.⁹⁹Brewers' dried grains found, not claimed. Excess of salt found.¹⁰⁰Yellow corn meal and milo meal claimed, not found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Burrus Mill & Elevator Company, Fort Worth, Texas.							
Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00	—	—	75A
Analysis	16.56	4.01	6.08	57.47	11.40	4.48	153H
Analysis ¹⁰¹	17.15	3.89	5.59	56.86	12.11	4.40	362M
Analysis ^{102c}	19.29	4.33	6.47	52.81	12.21	4.89	373M
Analysis	18.38	3.81	5.49	54.31	12.52	5.49	473M
Analysis	17.03	4.59	6.16	56.90	11.01	4.31	566M
Analysis ^{102c}	17.30	4.41	6.87	55.39	11.07	4.96	107P
Analysis ^{102c}	17.05	4.23	6.36	55.38	12.03	4.95	151P
Analysis ^{103bc}	15.65	3.91	6.48	57.24	12.52	4.20	171P
Analysis	17.80	4.07	6.18	56.18	11.44	4.33	183P
Analysis ^{102c}	17.76	4.37	6.62	54.97	11.40	4.88	64S
Analysis ^{102bc}	17.45	5.53	6.76	54.59	11.71	4.96	141S
Analysis ^{102bc}	17.92	5.00	7.34	52.68	12.09	4.97	163T
Analysis	17.01	4.03	5.51	57.07	12.13	4.25	235T
Analysis ^{103c}	18.25	3.84	6.39	55.56	11.71	4.25	372T
Analysis	18.19	4.20	5.81	55.36	12.53	3.91	461T
Analysis ^{102c}	17.30	4.19	6.73	56.32	10.84	4.62	476T
Analysis ^{102c}	18.40	4.74	6.95	53.78	10.84	5.29	596T
Analysis ^{104c}	17.72	4.00	6.31	56.32	11.22	4.43	14W
Analysis ^{102c}	17.15	4.00	6.88	56.92	10.44	4.61	205W
Analysis ^{102c}	18.13	4.05	6.43	54.93	12.03	4.43	341W
Corn Bran	8.00	5.00	12.00	60.00	—	—	75E
Analysis ¹⁰⁵	11.13	9.66	5.29	61.92	9.10	2.90	442H
Wheat Bran and Screenings	14.50	3.00	10.00	50.00	—	—	75F
Analysis	16.99	4.21	10.26	50.65	10.91	6.98	363M
Analysis ^a	17.87	4.01	8.45	54.02	9.85	5.80	489M
Analysis ^a	17.00	4.42	9.90	51.04	10.54	7.10	397W
Analysis ^a	17.28	4.44	9.05	54.02	8.88	6.33	552W
Buske & Buske Feed Mill, Shiner, Texas.							
Shiner Star Brand Laying Mash	19.50	3.60	7.50	46.00	—	—	128E
Analysis	19.82	5.18	7.93	46.33	10.97	9.77	63H
Caddo-DeSoto Cotton Oil Company, Inc., Shreveport, Louisiana.							
41.12% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00	—	—	745C
Analysis	41.45	6.11	10.30	27.15	8.30	6.69	157F
Cain, A. M., Mercedes, Texas.							
Wheat Bran and Screenings	14.50	3.00	10.00	50.00	—	—	754A
Analysis	16.00	4.05	8.61	56.34	10.57	4.43	24H
Wheat Brown Shorts	17.00	4.50	7.50	53.00	—	—	754C
Analysis	18.55	4.58	7.76	52.81	11.23	5.07	455H
Analysis	18.95	5.75	6.66	52.90	10.71	5.03	507H
Wheat Gray Shorts	15.50	4.00	6.00	55.00	—	—	754G
Analysis ^{106c}	17.47	4.45	7.53	54.84	11.63	4.08	164H
Analysis ^{106bc}	16.90	4.65	6.80	57.02	10.58	4.05	314H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁰¹Some hegari meal present.¹⁰²Wheat brown shorts and screenings.¹⁰³Milo meal present in wheat brown shorts and screenings.¹⁰⁴Corn meal present in wheat brown shorts and screenings.¹⁰⁵Corn meal present.¹⁰⁶Wheat brown shorts.

Table 18. **Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued**

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
California Packing Corporation, San Francisco, California.							
Calpak's Deep "C" Brand 65% Protein Sardine Meal	65.00		1.00	0.00			450C
Analysis ^a	66.24	2.77	.28	5.07	7.30	18.34	576T
Cameron Cotton Oil Company, Cameron, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			471G
Analysis	42.75	6.89	10.35	25.65	8.16	6.20	77W
Analysis	42.20	6.84	10.16	25.72	8.81	6.27	80W
Analysis	42.53	6.31	9.93	26.89	8.25	6.09	155W
Analysis	43.00	6.35	9.82	26.70	7.83	6.30	322W
Analysis	43.05	6.86	10.48	24.63	8.65	6.33	461W
Canadian Mill & Elevator Company, El Reno, Oklahoma.							
Canadian's Sure-Profit Brand Laying Mash	20.00	4.00	7.50	46.00			244B
Analysis	19.68	4.10	5.23	53.66	9.76	7.57	138K
Canadian's Sure-Profit Brand Growing Mash	18.00	3.60	7.00	47.00			244W
Analysis ^j	19.84	4.68	7.10	52.60	8.30	7.48	266K
Canadian's Sure-Profit Brand Chick All-Mash	18.00	3.60	6.50	49.00			244A7
Analysis ^{jb}	18.89	5.06	6.28	52.37	9.98	7.42	185K
Canadian's Sure-Profit Brand Broiler Ration	18.00	3.70	6.00	50.00			244D1
Analysis ^k	19.97	4.54	5.08	52.90	9.25	8.26	57K
Canadian's Big "C" All-Mash Chick Starter	17.50	3.60	7.00	51.00			244D8
Analysis	17.69	4.00	5.35	55.06	11.08	6.82	125K
Caney Valley Cooperative Drying Association, Wharton, Texas.							
Dehydrated Alfalfa Leaf Meal	20.00	2.50	18.00	40.00			1837A
Analysis	21.80	2.99	17.62	42.02	6.27	9.30	526M
Caney Valley Milling Company, Wharton, Texas.							
26% Protein Whole-Pressed Cottonseed	26.00	6.00	23.00	29.00			976C
Analysis	26.25	7.32	24.43	29.47	7.88	4.65	320M
Wharton County Jersey Cattle Club Feed No. 1	22.00	5.50	10.00	40.00			976D
Analysis	22.80	7.29	8.15	42.31	9.39	10.06	319M
Capps Feed Store, McKinney, Texas.							
Capps Bros. Egg Mash	19.00	3.80	8.00	45.50			2342E
Analysis ^k	20.64	3.80	7.61	49.01	8.93	10.01	41T
Analysis	20.49	4.68	7.52	48.29	9.66	9.36	278T
Carlton Feed Mill, Carlton, Texas.							
Laying Mash	19.00	3.80	7.50	47.00			2160E
Analysis	20.18	4.65	7.08	47.37	10.34	10.38	400W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued(The guaranties are printed in *italics* following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Carmack Hatchery & Feed Store, Floydada, Texas.							
Carmack Chick Starter.....	17.00	3.50	7.50	50.00	-----	-----	438E
Analysis.....	17.36	4.19	7.41	52.57	9.58	8.89	225K
Carroll & More, Quanah, Texas.							
Acme Brand All-Mash Chick Starter.....	17.00	3.50	6.00	52.00	-----	-----	1538A
Analysis.....	17.09	3.88	4.60	56.88	10.78	6.77	165K
Acme Brand Chick Growing Mash.....	16.00	3.50	6.00	52.00	-----	-----	1538C
Analysis.....	16.60	3.93	5.32	56.70	10.55	6.90	161K
Carrollton Feed Mills, Carrollton, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	-----	-----	2473A
Analysis.....	8.60	3.24	11.76	64.35	9.50	2.55	211T
19% Protein Dairy Feed.....	19.00	3.50	12.00	48.00	-----	-----	2473E
Analysis.....	16.11	3.80	12.86	49.03	10.31	7.89	300T
Analysis.....	16.41	3.06	9.74	54.60	9.39	6.80	651T
Alfalfa Meal and Molasses.....	9.80	1.00	23.00	44.00	-----	-----	2473J
Analysis.....	12.30	1.18	19.51	45.07	12.29	9.65	3T
Egg Mash.....	18.00	4.00	7.00	52.00	-----	-----	2473Q
Analysis.....	19.05	4.31	6.28	52.24	10.48	7.64	200T
Hog Feed.....	-----	-----	-----	-----	-----	-----	-----
Analysis st	13.15	2.66	8.12	55.91	9.34	10.82	652T
Analysis st	14.75	2.62	5.02	63.65	9.59	4.37	653T
Carter Feed Mill, Glen Rose, Texas.							
Glen-Tex Egg Mash.....	20.00	3.80	7.50	45.00	-----	-----	661F
Analysis.....	20.30	4.90	8.04	47.43	9.98	9.35	240W
Analysis.....	19.23	4.35	7.47	47.02	11.15	10.78	515W
Carter Grain Company, C. M., Fort Worth, Texas.							
45% Protein Peanut Meal.....	45.00	6.00	10.00	23.00	-----	-----	881A
Analysis ^{da}	44.69	7.97	13.91	21.93	7.05	4.45	139S
Cash Feed and Seed House, Gladewater, Texas.							
Nat-Ur-Way Brand 20% Protein Laying Mash.....	20.00	3.50	7.50	47.50	-----	-----	48I
Analysis.....	22.19	4.04	5.69	47.05	11.45	9.58	113P
Analysis.....	22.60	4.68	5.63	45.81	10.31	10.97	478T
Cassidy Feed Mill, Richardson, Texas.							
Cow Feed.....	16.00	3.60	11.00	52.00	-----	-----	1805D
Analysis ¹⁰⁷	15.72	4.45	9.17	53.48	9.94	7.24	276T
Castleberry's Feed Store, Eastland, Texas.							
Eastland Dairy Feed.....	21.50	4.60	12.00	43.50	-----	-----	788D
Analysis.....	22.20	5.64	11.59	44.69	8.41	7.47	150T
Analysis.....	22.80	5.00	11.69	43.73	9.48	7.30	335T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.¹⁰⁷Ground whole barley, rice bran, and ground oyster shell found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Castro County Grain Company, Inc., Dimmitt, Texas.							
Texas Pride Brand Chick							
Starter Mash	17.00	4.00	6.50	52.00			2123L
Analysis	18.00	4.21	6.80	52.86	10.20	7.93	71K
Analysis ^e	18.00	4.00	5.88	54.64	10.08	7.40	350S
Texas Pride Brand Chick							
Starter Mash	17.00	3.50	6.80	52.50			2123L
Analysis ¹⁰⁸	18.09	4.18	6.24	54.50	10.48	6.51	280K
Texas Pride Brand Super-Egg Mash	20.00	3.50	7.50	47.00			2123N
Analysis	20.91	3.72	6.58	50.20	9.82	8.77	68K
Texas Pride Brand 9% Protein Sweet Feed	9.00	1.80	13.00	51.50			2123W
Analysis ¹⁰⁸	12.30	1.43	10.51	51.80	13.70	10.26	45K
Analysis ¹	16.69	2.71	7.07	53.15	11.73	8.65	52K
Central Fuel & Feed Company, Inc., Denison, Texas.							
Beamer's Dairy Feed	22.00	4.00	12.00	43.00			1901F
Analysis	21.96	4.24	10.96	47.17	9.28	6.39	40T
Analysis	21.12	4.08	10.86	46.86	11.19	5.89	170T
Analysis	23.59	4.96	9.95	45.65	9.51	6.34	620T
Central Seed & Feed Store, Wichita Falls, Texas.							
Central All-Mash Chick Starter	17.00	3.50	6.00	52.00			2673A
Analysis	16.95	4.00	6.56	55.38	10.83	6.28	352T
Central 18% Protein Dairy Feed	18.00	3.40	7.50	48.50			2673B
Analysis	17.71	3.97	9.67	49.64	10.99	8.02	108T
Mix Special Egg Mash	18.00	3.50	6.70	52.00			2673D
Analysis	17.07	3.54	7.39	51.89	10.97	9.14	107T
Central Growing Mash	16.00	3.50	6.50	53.00			2673M
Analysis	17.00	4.00	6.45	55.40	9.68	7.47	530T
Central Soya Company, Inc., Fort Wayne, Indiana.							
Central 41% Protein Soybean Oil Meal	41.00	4.00	7.00	29.00			1038A
Analysis	42.31	4.31	6.69	29.19	11.95	5.55	180T
Central Texas Oil Company, Mart, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			574G
Analysis	43.30	6.28	10.31	25.62	8.75	5.74	100W
Analysis	42.97	6.84	10.79	24.53	9.03	5.84	193W
Analysis ^e	42.40	7.14	10.68	25.26	8.67	5.85	194W
Analysis ^e	42.49	6.85	9.95	25.48	9.25	5.98	314W
Analysis ^e	41.48	7.53	10.33	25.83	8.70	6.13	316W
Analysis	43.74	6.07	9.44	25.80	8.97	5.98	453W
Cerophyl Laboratories, Inc., Kansas City, Missouri.							
Cerogras Brand Dehydrated Cereal Grasses	20.00	3.00	19.00	36.00			2042C
Analysis	21.05	4.93	15.21	37.52	5.86	15.43	2042C

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁰⁸Corn gluten feed found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Chapman Mill & Grain Company, Hondo, Texas.							
Very Good Brand Ear Corn							
Chop with Husk	8.00	3.00	10.00	65.00			748B
Analysis ^a	9.13	2.50	10.69	66.74	8.94	2.00	462H
Analysis	9.02	3.31	8.05	67.66	10.08	1.88	16J
Chavez Commission Company, El Paso, Texas.							
Hi-Quality Brand Dairy Feed	19.00	3.80	10.00	48.00			1402B
Analysis ¹⁰⁰	19.40	4.76	8.11	52.75	9.93	5.05	88S
Checkerboard Feed Store, Dallas, Texas.							
Chowmix 18% Protein Dairy Feed C	18.00	3.00	14.00	46.00			928B
Analysis	19.94	3.95	11.81	45.54	10.65	8.11	395T
Analysis ^j	19.75	4.05	11.81	46.54	10.44	7.41	515T
Chowmix Broiler Growing Feed	18.00	3.50	7.00	46.00			928C
Analysis	19.58	4.05	5.37	54.04	10.11	6.85	5T
Chowmix Laying Mash	18.00	3.50	8.00	48.00			928D
Analysis	19.32	3.76	5.77	54.82	9.56	6.77	648T
Chickasha Cotton Oil Company, Chickasha, Oklahoma.							
Chickasha Quality Brand 43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			1301E
Analysis ^c	42.05	6.48	11.52	25.55	8.76	5.64	37K
Analysis	42.60	7.21	10.75	24.90	8.84	5.70	63K
Analysis ^c	40.02	9.17	11.84	27.86	5.26	5.85	317T
Analysis	44.40	6.30	10.76	25.94	6.35	6.25	422T
Chickasha Quality Brand 43% Protein Cottonseed Pellets	43.00	5.20	12.00	25.00			1301M
Analysis ^{b,c}	41.48	6.68	9.30	25.39	11.30	5.85	364S
Analysis	42.86	6.62	10.59	26.67	7.11	6.15	371S
Chickasha Quality Brand 43% Protein Coarse Cottonseed Meal	43.00	6.00	12.00	23.00			1301N
Analysis	43.70	6.35	11.16	24.79	8.07	5.93	85K
Analysis ^{a,c}	38.29	5.80	11.91	29.57	8.47	5.96	115K
Chickasha Quality Brand 43% Protein Coarse Cottonseed Meal	43.00	6.00	12.00	23.00			1301N
Analysis ^{j,c}	39.39	5.89	11.62	28.60	8.48	6.02	257K
Chickasha Milling Company, Chickasha, Oklahoma.							
Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00			188B
Analysis	17.46	3.70	5.33	59.20	10.97	3.34	158F
Chic-O-Line Feed Mills, Hobart, Oklahoma.							
Hotshot Cow Feed	13.00	2.00	22.00	45.00			1878D
Analysis	12.43	2.18	17.49	47.71	11.55	8.64	189T
Circle C Laying Mash	18.00	3.50	7.00	46.00			1878E
Analysis ¹¹⁰	18.80	4.01	7.79	52.35	8.99	8.06	42K

^{a, b, c, d, e, f, g, h, i, j, k.}—See legend at the beginning of this table.¹⁰⁰Crimped whole oats found, not claimed.¹¹⁰Deficient in ground limestone.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Chic-O-Line Feed Mills, Hobart, Oklahoma—Cont'd							
Chic-O-Line Baby Chick Starter	17.00	3.50	6.00	53.00			1878F
Analysis ^{b111}	17.90	4.57	6.43	53.70	11.08	6.32	121K
Analysis	18.06	4.10	5.97	54.01	11.03	6.83	190T
Analysis	17.60	4.34	6.39	54.47	10.64	6.56	256T
Analysis	18.19	4.10	5.47	55.45	10.36	6.43	416T
Chic-O-Line Egg Mash	20.00	3.50	7.00	47.00			1878G
Analysis	19.54	3.95	5.17	52.87	10.97	7.50	154K
Analysis	21.87	4.21	6.87	48.33	9.86	8.86	255T
Chic-O-Line Growing Mash	17.00	3.50	7.00	50.00			1878S
Analysis ¹¹²	18.57	3.86	5.80	54.33	10.55	6.89	134K
Chic-O-Line Master Brand Broiler Mash	18.00	3.50	7.00	52.00			1878U
Analysis ¹¹³	19.65	4.28	6.50	53.21	9.22	7.14	135K
Chic-O-Line 41% Protein Supplement for Hogs	41.00	4.50	7.00	17.00			1878W
Analysis	40.15	7.00	5.87	19.83	7.03	20.12	275K
Chic-O-Line Egg Mash Pellets	20.00	3.50	7.00	47.00			1878Z
Analysis	20.60	4.33	6.29	49.91	10.43	8.44	191T
Chic-O-Line Big 10 Pig Feed	18.50	3.80	7.00	50.00			1878B4
Analysis ^{da}	19.64	3.93	6.95	51.07	9.17	9.24	139K
Childress Cotton Oil Mill, Inc., Childress, Texas.							
43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00			1122B
Analysis	43.00	6.00	8.75	29.25	6.75	6.25	105K
Analysis ^e	42.04	6.22	9.88	29.07	6.48	6.31	157K
Analysis	42.69	5.27	9.51	29.73	6.32	6.48	246K
Analysis	43.94	6.72	9.31	28.29	5.56	6.18	298K
Analysis ^e	41.00	5.52	11.50	30.02	5.85	6.11	355S
Analysis	42.65	7.36	9.75	29.55	4.43	6.26	253T
Chillicothe Cotton Oil Company, Chillicothe, Texas.							
42% Protein Cottonseed Meal	43.00	5.20	12.00	25.00			2396A
Analysis ^e	39.84	6.43	10.13	29.94	7.45	6.21	93K
City of Abilene, The, Abilene, Texas.							
Clover Leaf Brand 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00			378A
Analysis	57.19	11.78	2.30	1.48	6.78	20.47	266T
Analysis	52.44	11.63	2.41	.19	6.04	27.29	383T
Clark Bros. Feed Store, Stamford, Texas.							
Clark Bros. 6 Plus 6 Cow Feed	19.00	4.00	12.00	49.00			640A
Analysis	19.30	4.35	10.39	49.87	9.63	6.46	582S
Clark Bros. 6 Plus 6 Laying Mash	19.00	4.00	5.50	46.00			640D
Analysis	21.20	4.89	7.21	47.64	9.09	9.97	265T
Clark Bros. 6 Plus 6 Growing Mash	17.50	3.60	6.50	51.00			640I
Analysis	16.75	3.91	5.54	66.25	10.27	7.28	533S
Clark Bros. Starter-Grower Mash	17.00	3.50	6.50	50.00			640K
Analysis	18.65	4.33	6.43	53.18	9.95	7.46	386T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹¹¹Tags of wrong denomination attached.¹¹²Corn gluten feed found, not claimed. Excess salt found.¹¹³Corn gluten feed found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Clark's Feed Store, Henry, Stephenville, Texas.							
Henry Clark's Six-Plus-Six Cow Feed	18.70	4.00	12.00	51.00			1063M
Analysis ¹¹⁴	20.09	4.15	8.26	51.75	10.35	5.40	590T
Analysis	19.35	4.54	10.67	49.28	10.60	5.56	399W
Henry Clark's Laying Mash	19.50	3.70	5.50	45.00			1063U
Analysis	21.43	5.44	6.14	48.89	9.64	8.46	343T
6 Plus 6 Baby Chick Starter	18.80	3.50	7.00	49.50			1063W
Analysis	19.44	4.83	6.54	51.72	9.93	7.54	342T
Analysis	19.12	4.77	5.95	52.48	9.57	8.11	404W
6 Plus 6 Laying Mash	20.00	4.00	8.00	49.00			1063X
Analysis	20.10	4.99	6.90	50.48	9.97	7.56	49W
Henry Clark's 6 Plus 6 Growing Mash	17.50	3.60	7.00	46.00			1063A5
Analysis	18.63	4.72	6.60	52.54	10.07	7.44	519W
Clark Seed Company, Roy E., Brownsville, Texas.							
Clark's 21% Protein Cow Feed	21.00	4.50	19.00	38.00			1401B
Analysis	21.70	4.16	15.64	42.37	9.61	6.52	313H
Clarksville Cotton Oil Company, Clarksville, Texas.							
Clarko 43% Protein Cottonseed Cake	43.00	6.00	12.00	23.00			223F
Analysis	43.43	5.87	9.24	26.73	8.13	6.60	104P
Clarko 43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			223G
Analysis	42.57	7.05	9.00	26.97	7.85	6.56	103P
Clement Grain Company, Waco, Texas.							
Cen-Tex 24% Protein Dairy Feed	24.00	4.40	11.50	41.00			1894M
Analysis ¹¹⁵	21.03	5.30	7.75	47.41	11.05	7.46	141P
Analysis	22.22	4.70	9.54	43.49	11.45	8.60	342W
Cen-Tex 18% Protein Dairy Cow Feed	18.00	3.40	12.00	49.00			1894N
Analysis ¹¹⁶	18.16	3.98	9.08	51.48	10.59	6.71	577W
Border Brand Egg Laying Mash	18.00	3.50	6.00	50.00			1894A1
Analysis ¹¹⁷	19.32	4.03	4.98	52.89	10.43	8.35	492W
Cen-Tex Horse Feed	10.00	3.00	9.50	60.00			1894A2
Analysis	9.53	3.43	8.71	61.78	11.12	5.43	142P
Cen-Tex 9% Protein Sweet Feed	9.00	1.50	17.00	46.00			1894B1
Analysis	8.63	1.83	18.37	45.38	14.24	11.55	77T
Analysis	10.30	2.42	12.95	50.76	10.44	13.13	554T
Analysis	8.35	1.79	17.34	45.38	13.43	13.71	567T
Analysis	8.50	2.03	14.56	50.22	12.96	11.73	201W
Extra Special Brand "5" Egg Mash	20.50	3.50	7.40	44.60			1894B3
Analysis ¹¹⁷	20.90	4.99	6.54	47.91	9.57	10.09	312W
Border Brand Egg Laying Mash Pellets	18.00	3.50	6.00	50.00			1894D7
Analysis ¹¹⁸	18.30	4.16	5.27	55.07	10.45	6.75	109W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹¹⁴Deficient in salt.

¹¹⁵Rice bran found, not claimed.

¹¹⁶Milo meal, peanut hulls, and rice bran found, not claimed.

¹¹⁷Deficient in salt.

¹¹⁸Deficient in ground oyster shell.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Cole & Company, R. L., Krum, Texas.							
Whole Oat Chop.....	11.00	4.00	12.00	58.00	-----	-----	1396N
Analysis.....	10.83	4.53	12.09	54.84	10.89	6.82	198T
Analysis.....	10.86	5.33	11.58	58.00	9.70	4.53	292T
Cole Feed Company, Dallas, Texas.							
Diamond Brand Egg Mash.....	18.00	3.50	7.00	49.00	-----	-----	1424B
Analysis ^{7b}	18.02	4.26	6.15	52.09	10.72	8.76	207T
Diamond Brand Starter and Growing Mash.....	17.00	3.50	6.00	51.00	-----	-----	1424D
Analysis ¹¹⁹	17.36	4.43	6.82	52.19	11.16	8.04	367T
Sunshine Laying Mash.....	18.00	3.60	7.50	48.00	-----	-----	1424F
Analysis.....	16.12	4.94	7.75	52.12	9.85	9.22	6T
Analysis ¹²⁰	18.50	4.89	6.97	49.14	10.46	10.04	206T
Analysis ¹²¹	17.54	3.89	5.86	53.86	9.65	9.20	647T
Coleman Cotton Oil Mill, Coleman, Texas.							
Cotton Bloom Brand 43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00	-----	-----	2051B
Analysis ⁷	44.37	7.46	12.98	22.09	8.68	4.42	54P
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	-----	-----	2051C
Analysis.....	43.51	6.74	12.27	25.44	6.61	5.43	147S
Analysis.....	43.22	6.91	11.67	25.78	6.94	5.48	150S
Analysis ^c	42.06	6.40	12.05	25.64	8.30	5.55	584T
Analysis ^c	41.44	6.64	12.68	26.80	7.11	5.33	254W
Analysis ^{122c}	42.45	5.82	12.19	25.95	8.16	5.43	257W
Analysis.....	4.63	6.61	11.04	26.72	6.45	5.55	273W
Analysis ^c	42.26	6.73	11.99	26.72	6.67	5.63	412W
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	-----	-----	2051D
Analysis.....	43.09	5.42	12.15	25.72	8.23	5.39	253W
Analysis ^{122c}	42.31	5.52	12.48	26.52	7.93	5.24	258W
Analysis.....	43.02	5.38	11.79	26.58	7.85	5.38	259W
Panther Brand Laying Mash.....	19.00	4.00	7.50	46.00	-----	-----	2051G
Analysis.....	19.30	4.70	6.79	50.63	9.38	9.20	622S
Cotton Bloom Brand 32% Protein Concentrate for Laying Hens.....	32.00	5.00	7.00	27.00	-----	-----	2051S
Analysis ¹²³	30.97	4.82	6.06	33.25	9.11	15.79	265W
Cotton Bloom Brand Chick Starter.....	19.00	4.00	5.50	52.00	-----	-----	2051Y
Analysis ¹²⁴	20.06	4.55	5.70	52.08	9.45	8.16	420W
Cotton Bloom Brand Growing Mash.....	18.50	4.00	5.50	53.00	-----	-----	2051Z
Analysis.....	19.32	4.90	4.78	53.10	11.11	6.79	517S
Collin County Cotton Oil Company, McKinney, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	-----	-----	809B
Analysis.....	43.17	5.91	9.18	26.75	8.58	6.41	550T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹¹⁹Linseed meal found, not claimed.¹²⁰Excess of ground oyster shell and salt found.¹²¹Alfalfa leaf meal claimed, not found.¹²²Off quality.¹²³Deficient in ground oyster shell and excess salt found.¹²⁴Excess of salt found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in *italics* following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Collin County Milk Products Company, McKinney, Texas.							
Dried Skimmed Milk (Feeding)	34.00	0.20	0.00	50.00			2663A
Analysis ^{125a}	32.66	5.94	5.21	44.43	9.32	7.44	578T
Colorado Animal By-Products Manufacturing Company, Denver, Colorado.							
Golden Brand 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00			2350A
Analysis	52.36	10.51	2.08	.05	5.15	29.85	220K
Colorado Milling Company, Colorado City, Texas.							
Red Ball Egg Mash	18.00	3.50	7.50	49.00			1325L
Analysis	19.60	4.55	6.89	50.55	10.25	8.16	158S
Red Ball Growing Mash	16.00	3.50	8.00	50.00			1325M
Analysis	19.00	3.80	6.69	53.80	8.61	8.10	452S
Commerce Oil Mill Company, Commerce, Texas.							
43% Protein Nut-Size Cottonseed Cake	43.00	6.00	12.00	23.00			150A
Analysis	42.87	5.44	9.98	27.41	8.12	6.18	44J
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			150G
Analysis ^c	41.98	6.14	10.65	26.82	8.25	6.16	22P
Analysis	43.10	6.44	9.53	27.06	7.85	6.02	29P
Analysis	42.60	6.22	9.59	27.38	8.10	6.11	186P
Analysis ^c	41.29	5.77	10.80	27.20	9.07	5.87	61T
Analysis	42.71	6.26	10.17	26.69	7.89	6.28	452T
Commercial Solvents Corporation, New York, New York.							
Dried Fermentation Product	20.00	Trace	2.00	58.00			322A
Analysis	29.55	.79	1.46	53.47	3.81	10.92	322A
Commercial Solvents Corporation, Peoria, Illinois.							
B. Y. Flavin Concentrate							
Analysis ^g	25.13	.22	1.04	57.30	4.81	11.50	142T
Analysis ^g	23.72	.17	1.15	59.99	4.13	10.84	143T
Community Milling Company, El Paso, Texas.							
Victory Chick Starter	15.00	4.00	5.00	55.00			2341F
Analysis	16.96	5.83	4.98	56.47	9.19	6.57	292S
Victory Laying Mash	18.00	4.00	7.00	51.00			2341K
Analysis	19.00	5.47	7.26	52.25	9.01	7.01	493S
Community Dairy Feed	15.00	3.80	8.20	55.00			2341L
Analysis	15.08	4.46	8.15	55.61	12.25	4.45	167S
Finely Ground Corn Chop	9.00	3.50	3.00	70.00			2341Q
Analysis	10.64	4.70	2.82	69.37	10.84	1.63	97S
Victory Growing Mash	14.00	3.50	8.00	55.50			2341U
Analysis ¹²⁶	17.31	6.54	4.60	56.11	8.70	6.74	412S
Wheat Gray Shorts	16.00	3.50	6.00	55.00			2341A4
Analysis ¹²⁷	17.35	5.18	8.09	55.16	9.20	5.02	195K

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

¹²⁵ Dried buttermilk. Used by distributor in feeding own stock.

¹²⁶ Linseed meal found, not claimed.

¹²⁷ Wheat mixed feed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Consolidated Flour Mills Company, The, Wichita, Kansas.							
Wheat Gray Shorts and Screenings	17.00	3.50	6.00	55.00			2506F
Analysis	18.00	4.18	6.01	56.14	11.21	4.46	523M
Analysis	16.75	4.41	5.90	56.45	11.44	5.05	198W
Consumers Fuel, Grain & Ice Company, Houston, Texas.							
Consumers' Dairy Feed	18.00	4.30	13.50	46.00			1358A
Analysis ¹²⁸	18.40	4.77	9.68	49.89	11.78	5.48	24M
Bluebonnet Scratch Feed	10.00	3.00	4.00	68.00			1358B
Analysis	11.44	2.85	2.15	69.65	12.27	1.64	401M
Continental Oil-Cotton Company, Colorado City, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			800A
Analysis	44.10	6.93	11.22	25.84	6.15	5.76	28S
Analysis ^c	42.13	6.81	11.35	27.11	6.72	5.88	113S
Analysis ^c	41.31	7.70	11.32	27.68	6.06	5.93	145S
Analysis ^c	42.04	7.28	10.53	27.28	6.95	5.92	162S
Analysis	42.68	7.84	11.44	25.64	7.13	5.27	194S
Analysis ^c	40.72	7.41	10.89	27.72	6.68	6.58	221S
Analysis ^c	42.47	7.35	11.00	26.48	6.94	5.76	314S
Analysis	43.05	7.01	11.18	25.93	6.78	6.05	377T
Analysis ^c	41.68	6.62	10.63	27.81	7.61	5.65	495T
Analysis ^c	41.94	6.76	10.73	26.86	7.80	5.91	272W
43% Protein Cottonseed Cake	43.00	6.00	12.00	23.00			800B
Analysis	44.11	6.57	10.41	27.33	5.45	6.13	196S
Analysis	42.71	6.15	10.48	28.11	6.70	5.85	312S
Analysis	44.41	6.15	10.48	25.85	7.08	6.03	315S
Analysis ^c	42.05	6.02	12.52	26.34	7.20	5.87	333S
Coweta Mixed Feed	11.80	1.70	38.00	36.00			800D
Analysis	11.77	2.20	32.65	41.10	9.28	3.00	144S
43% Protein Cottonseed Pellets	43.00	6.00	12.00	23.00			800F
Analysis ^c	42.14	6.27	12.52	26.23	7.32	5.52	110S
Analysis	42.57	6.02	11.44	26.86	7.63	5.48	112S
Analysis	42.73	6.50	10.22	27.39	7.07	6.09	193S
Analysis ^c	41.83	7.21	11.13	27.38	6.51	5.94	313S
Analysis	44.04	6.32	10.44	26.64	6.65	5.91	431S
Analysis	43.90	6.29	10.70	26.64	6.69	5.78	449S
Cook Company, The, McAllen, Texas.							
Cook's Lay Mash	20.00	3.50	6.50	48.50			132B
Analysis ¹²⁹	20.02	4.26	6.32	50.73	10.54	8.13	247H
Cook's Sweet Cow Feed	16.00	3.00	20.00	35.00			132C
Analysis	17.80	3.60	14.84	44.69	11.00	8.07	97H
Cook's Best Cow Feed	18.00	4.20	18.00	38.50			132D
Analysis ¹³⁰	23.87	4.10	15.70	40.54	9.41	6.88	318H
Cook's Feed Store, Dallas, Texas.							
Cook's Special Mixed Feed	19.00	3.50	12.50	45.00			876A
Analysis	19.30	4.41	12.11	45.92	10.18	8.08	212T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹²⁸Excess of salt found.¹²⁹Deficient in ground limestone.¹³⁰Ground whole barley, corn distillers' dried grains, dried beet pulp, and steamed bone meal claimed, not found. Crimped whole oats and milo meal found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Cooper Cotton Oil Company, Cooper, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	-----	-----	149C
Analysis.....	42.94	6.22	8.93	27.46	8.02	6.43	21P
Analysis.....	43.91	5.91	8.94	26.54	8.27	6.43	88T
Delta Brand Chick Starter.....	17.00	3.50	7.00	51.00	-----	-----	149P
Analysis.....	19.24	4.43	6.49	51.53	10.61	7.70	450T
Cordell Milling Company, Cordell, Oklahoma.							
Wheat Gray Shorts and Screenings.....	17.00	3.50	6.00	55.00	-----	-----	359A
Analysis.....	17.10	3.99	4.65	59.68	11.29	3.29	122K
Corn Products Refining Company, New York, New York.							
Buffalo Corn Gluten Feed.....	23.00	2.00	8.50	46.00	-----	-----	2309A
Analysis.....	23.88	2.47	7.77	52.02	8.84	5.02	218K
Analysis.....	24.54	1.48	8.28	49.43	10.56	5.71	12M
Analysis.....	25.56	2.33	7.60	48.24	10.99	5.28	389S
Analysis.....	25.43	2.13	8.29	47.82	10.30	6.03	187W
Analysis.....	24.27	2.57	8.10	49.27	9.81	5.98	337W
Diamond 41% Protein Corn Gluten Meal.....	41.00	1.00	6.00	38.00	-----	-----	2309B
Analysis ^a	44.19	1.18	1.35	41.60	9.43	2.25	381M
Corpus Christi Cotton Oil Mill, Corpus Christi, Texas.							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	-----	-----	1845F
Analysis ^c	42.12	6.28	11.16	26.44	8.22	5.78	87H
Analysis ^c	42.96	5.59	10.68	26.39	8.50	5.88	264H ^a
Analysis ^c	41.00	5.48	12.12	26.37	9.20	5.83	272H
Analysis ^c	40.38	6.02	11.70	27.14	8.70	6.06	445H
34% Protein Linseed Meal.....	34.00	6.00	9.00	35.00	-----	-----	1845M
Analysis.....	35.03	6.66	10.08	33.14	9.83	5.26	9H
Analysis.....	35.50	8.17	9.43	32.36	9.69	4.85	510H
Analysis.....	35.72	8.31	9.07	32.09	10.10	4.71	7J
43% Protein Pea-Size Cottonseed Cake.....	43.00	5.20	12.00	25.00	-----	-----	1845N
Analysis ^c	42.31	5.40	11.67	26.14	8.63	5.85	273H
Coryell County Cotton Oil Company, Gatesville, Texas.							
Golden Gate Baby Chick Starter.....	17.00	3.50	6.00	52.00	-----	-----	490A
Analysis.....	17.28	4.56	5.42	52.97	10.29	9.48	550W
Golden Gate Special Laying Mash.....	18.00	3.50	6.00	45.50	-----	-----	490B
Analysis.....	19.51	3.15	7.06	49.72	11.28	9.28	509W
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	-----	-----	490G
Analysis.....	43.32	6.57	9.69	27.33	6.86	6.23	61W
Analysis ^{AL181}	42.25	7.77	10.22	26.32	7.50	5.94	166W
Analysis.....	42.78	8.00	9.98	25.96	7.95	5.33	190W
Analysis ^c	42.49	6.84	10.45	26.19	7.90	6.13	388W
Analysis.....	43.26	6.80	9.33	26.76	7.75	6.10	406W
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	-----	-----	490H
Analysis.....	43.32	6.13	10.59	25.75	8.15	6.06	167W
Analysis.....	45.23	5.98	10.38	25.04	7.63	5.74	302W

^a, ^b, ^c, ^d, ^e, ^f, ^g, ^h, ⁱ, ^j, ^k.—See legend at the beginning of this table.¹⁸¹Portion used in compounding mixed feed. Portion blended with high-protein meal.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Coryell County Cotton Oil Company, Gatesville, Texas—Cont'd.							
Gaco Laying Mash	18.50	3.50	7.00	53.00	-----	-----	490A4
Analysis ^a	19.87	3.77	6.71	52.09	10.70	6.86	232W
Gaco Laying Mash	18.50	3.50	8.00	51.00	-----	-----	490A4
Analysis	19.60	4.30	7.56	51.08	10.16	7.30	612W
Cotterly Hatchery & Feed Store, Wichita Falls, Texas.							
Cotterly's Big C Brand Chick Starter Mash	17.00	3.50	6.00	52.00	-----	-----	2533A
Analysis	17.92	3.82	5.92	54.23	11.31	6.80	355T
Cotterly's Sure-Lay Brand Egg Laying Mash	20.50	3.50	7.40	44.60	-----	-----	2533C
Analysis	21.36	5.27	6.43	46.91	9.17	10.86	20T
Cotterly's Hi-Quality Brand Cow Feed	19.00	4.00	11.00	50.00	-----	-----	2533H
Analysis ¹³²	19.10	4.01	8.01	51.87	9.86	7.15	19T
Cotterly's Big C Brand 20% Protein Dairy Feed	20.00	3.20	11.00	43.50	-----	-----	2533L
Analysis	20.22	3.60	9.32	49.79	8.25	8.82	532T
Cowan Grain Company, Itasca, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00	-----	-----	1811A
Analysis	7.75	3.55	10.30	65.05	11.80	1.55	382W
Crawford Grain Company, Houston, Texas.							
Blue Bird Horse and Mule Feed	11.50	2.70	13.00	56.50	-----	-----	870B
Analysis ^j	13.30	3.85	10.38	55.88	11.57	5.02	532M
Money-Maker Brand Mixed Cow Feed	21.00	3.50	14.00	40.00	-----	-----	870M
Analysis ^j	22.75	3.23	11.62	42.60	11.83	7.97	410M
Money-Maker Brand Starter Mash	18.00	3.70	5.00	51.00	-----	-----	870S
Analysis ^j	18.53	4.96	4.75	53.67	9.98	8.11	534M
Kafir Meal	10.00	2.50	3.00	70.00	-----	-----	870A1
Analysis	10.30	2.41	1.75	72.30	11.86	1.38	533M
Crawford Grain & Elevator Company, Inc., Houston, Texas.							
Money-Maker Brand Egg Mash	20.00	3.70	6.50	47.00	-----	-----	870J
Analysis ^a	22.71	5.13	6.23	46.48	10.16	9.29	350M
Crawford's 24% Protein Dairy Feed	24.00	5.00	11.00	38.50	-----	-----	870K
Analysis ^a	26.20	5.84	9.16	39.88	10.84	8.08	20M
Sheldon's Start-to-Finish Mash	19.00	4.00	5.50	47.00	-----	-----	870L
Analysis ^{133e}	22.90	5.00	5.33	47.04	10.23	9.50	298M
Money-Maker Brand Mixed Cow Feed	21.00	3.50	14.00	40.00	-----	-----	870M
Analysis ^a	21.96	3.82	11.37	42.65	12.23	7.97	21M
Alfalfa Stem Meal and Molasses	7.50	0.60	30.00	38.50	-----	-----	870A5
Analysis ^a	8.40	.45	26.64	42.80	14.47	7.24	299M
Crawford's Special Dairy Feed	18.00	3.50	13.00	46.00	-----	-----	870B8
Analysis ^a	18.21	5.24	12.93	45.20	10.03	8.39	351M
Ground Whole Oats	11.00	4.00	12.00	58.00	-----	-----	870C2
Analysis ^a	14.77	5.11	11.95	54.46	9.81	3.90	297M

^a, ^b, ^c, ^d, ^e, ^f, ^g, ^h, ⁱ, ^j, ^k.—See legend at the beginning of this table.¹³²Excess of ground limestone found.¹³³Excess of ground limestone found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued(The guaranties are printed in *italics* following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Creech, W. M., Olney, Texas.							
Olney Maid Laying Mash.....	18.20	3.50	7.20	49.50	-----	-----	909F
Analysis.....	19.30	4.73	6.23	50.41	9.62	9.71	14T
Olney Maid Chick Starter.....	18.00	3.60	5.50	53.50	-----	-----	909K
Analysis.....	19.66	4.25	5.64	51.77	10.40	8.28	349T
Olney Maid Growing Mash.....	16.00	3.50	6.00	51.00	-----	-----	909L
Analysis.....	19.40	4.45	6.58	50.77	10.45	8.35	348T
Crockett Cotton Oil Company, Crockett, Texas.							
41% Protein Cottonseed Meal.....	11.00	5.00	12.00	25.00	-----	-----	573D
Analysis.....	41.52	6.48	10.69	26.81	7.72	6.78	56J
43% Protein Cottonseed Meal.....	13.00	6.00	12.00	23.00	-----	-----	573K
Analysis ^c	42.22	7.75	9.56	26.82	7.26	6.39	57P
Analysis ^e	41.03	7.55	11.25	26.26	7.82	6.09	147P
Analysis ^e	41.29	7.56	11.40	25.60	7.89	6.26	148P
43% Protein Cracked Cottonseed Cake.....	13.00	6.00	12.00	23.00	-----	-----	573L
Analysis.....	42.61	6.76	10.58	26.21	7.27	6.57	149P
Crofts, Geo., Johnson City, Texas.							
J. C. Laying Mash.....	20.00	3.70	6.50	44.50	-----	-----	1176E
Analysis.....	21.87	5.43	5.78	47.00	9.24	10.68	453H
Crosbyton Elevator Company, Crosbyton, Texas.							
Our-Own Brand Growing Mash.....	16.00	3.50	8.00	53.00	-----	-----	1511H
Analysis.....	18.07	3.03	7.11	55.97	9.41	6.41	182K
Red Barn 18% Protein Egg Mash.....	18.00	3.60	7.00	47.00	-----	-----	1511I
Analysis.....	20.40	4.58	6.65	49.61	9.51	9.25	384S
Crosbyton Grain Growers, Inc., Crosbyton, Texas.							
Lay-More Brand Laying Mash.....	19.00	3.50	5.50	51.00	-----	-----	1738G
Analysis.....	19.50	3.80	5.15	53.64	9.81	8.10	267S
Farmers' Pride Brand Growing Mash.....	16.00	3.50	5.00	57.00	-----	-----	1738I
Analysis.....	17.01	3.53	3.93	60.73	9.73	5.07	183K
Crowley Feed Company, Inc., San Antonio, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	-----	-----	827A
Analysis ^{a134}	8.00	2.99	12.82	62.79	10.56	2.84	344M
Analysis ¹³⁴	8.13	3.31	11.79	65.72	7.73	3.32	441M
Analysis.....	8.10	4.03	10.86	64.51	10.25	2.25	564M
Crowley's 20% Protein Laying Mash.....	20.00	3.60	6.80	49.00	-----	-----	827K
Analysis ¹³⁵	20.34	4.90	7.93	47.71	9.34	9.78	31H
Analysis ^e	19.10	4.89	6.77	52.45	10.69	6.10	231H
Crowley's 20% Protein Laying Mash.....	20.00	3.60	6.80	46.00	-----	-----	827K
Analysis ¹³⁶	21.75	4.03	6.49	52.21	10.19	5.33	497H
Crowley's 18% Protein Dairy Feed.....	18.00	3.00	11.20	46.50	-----	-----	827N
Analysis.....	15.30	3.81	11.73	49.03	11.73	8.40	145H
Analysis.....	16.30	3.79	12.54	47.85	11.38	8.14	230H
Analysis.....	16.62	4.05	12.66	47.43	10.60	8.64	324H

^a, ^b, ^c, ^d, ^e, ^f, ^g, ^h, ⁱ, ^j, ^k.—See legend at the beginning of this table.¹³⁴Rice hulls found.¹³⁵Hegari meal found, not claimed.¹³⁶Fish meal claimed, not found. Deficient in ground oyster shell and salt.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Crowley Feed Company, Inc., an Antonio, Texas.—Cont'd.							
Crowley's 17.50% Protein All-Mash Starter	17.50	3.50	5.60	49.00			827R
Analysis ¹³⁷	21.18	4.63	6.27	51.18	10.89	5.85	365H
3 Star Brand 18% Protein Laying Mash	18.00	3.50	6.50	48.00			827A8
Analysis ¹³⁵	20.42	4.99	7.19	46.09	9.53	11.78	30H
Analysis ¹³⁸	18.74	3.75	6.43	52.79	11.60	6.69	186H
Crowley's Broiler Mash	19.00	3.70	6.00	47.50			827B1
Analysis ^b	20.78	2.83	5.48	53.07	11.24	6.60	396H
Borden's Mixed Feed	15.00	3.00	12.00	51.50			827B6
Analysis ¹³⁹	15.96	2.82	11.70	51.64	11.66	6.32	436H
Analysis ¹³⁷	14.37	2.29	11.43	54.64	10.58	6.69	513H
Cuero Cotton Oil & Manufacturing Company, Cuero, Texas.							
43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00			402K
Analysis ^{c140}	39.68	7.09	13.61	26.29	7.83	5.50	196H
Analysis	44.50	6.75	10.18	25.22	8.03	5.32	211H
Analysis	45.05	6.58	8.85	25.84	7.79	5.89	229H
Analysis ^e	42.37	6.98	9.96	26.60	8.19	5.90	354H
Analysis ⁸⁰	41.44	6.48	11.74	25.78	8.61	5.95	395H
43% Protein Cracked Cottonseed Cake	43.00	5.20	12.00	25.00			402L
Analysis ^e	42.43	6.12	10.76	24.50	10.65	5.54	64H
Cuero Feed Company, Cuero, Texas.							
McLarty's Laying Mash	19.00	3.50	7.00	48.00			2140G
Analysis ¹⁴¹	18.40	5.24	6.62	50.04	10.81	8.89	212H
Curl, Blake, Tolar, Texas.							
Blake Curl's Laying Mash	19.50	4.00	6.80	47.00			1692A
Analysis	19.50	3.77	5.36	51.01	10.56	9.80	501T
Dallas Animal By-Products Company, Dallas, Texas, and Branches.							
Golden Brand Special 50% Protein Meat and Bone Scraps	50.00	3.00	3.00	0.00			1534B
Analysis	54.98	3.74	2.03	1.52	5.32	32.41	47J
Analysis	52.57	3.73	2.04	2.02	5.15	34.49	79K
Analysis	56.08	4.06	1.99	1.46	7.69	28.72	78M
Analysis	57.25	3.90	2.48	1.74	5.63	29.00	192P
Analysis	52.56	4.00	2.72	1.52	5.53	33.67	220S
Analysis	53.40	4.65	1.82	2.27	5.58	32.28	243S
Analysis	50.02	8.22	2.15	4.60	6.40	28.61	7T
Analysis	53.90	4.33	2.10	1.97	5.38	32.32	351T
Analysis	52.57	4.94	1.76	2.34	6.05	32.34	562T
Analysis	52.31	4.93	2.44	2.27	5.12	32.93	631T
Analysis	52.72	2.81	1.75	.86	5.60	36.26	45W
Analysis	50.97	7.37	2.35	2.45	5.82	31.04	235W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹³⁷Deficient in ground oyster shell.¹³⁸Soybean oil meal found, not claimed.¹³⁹Ground whole barley and milo head chop found, not claimed.¹⁴⁰Relabeled by distributor.¹⁴¹Deficient in ground oyster shell.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Dallas Animal By-Products Company, Dallas, Texas, and Branches.—Cont'd.							
Golden Brand 60% Protein	60.00	8.00	3.00	0.00	—	—	1534D
Digester Tankage	65.24	3.22	1.12	2.63	9.68	18.11	164W
Analysis							
Golden Bran 55% Protein Improved Meat and Bone Scraps	55.00	3.00	3.00	0.00	—	—	1534H
Analysis	54.59	3.51	1.97	1.91	5.98	32.04	H
Dansby Feed Mills, Clifton, Texas.							
Dansby's All-Mash Chick Starter	16.50	3.50	5.50	53.50	—	—	2100F
Analysis	17.78	3.94	5.09	55.30	10.39	7.50	393W
Dansby's 41% Protein Supplement for Pigs and Hogs	41.00	4.50	6.00	22.00	—	—	2100I
Analysis ¹⁴²	39.25	4.95	5.64	25.55	8.49	16.12	138W
Davis Feed Company, San Antonio, Texas.							
A. C. Special Laying Mash	18.00	3.50	7.80	50.00	—	—	1023A
Analysis	18.60	4.31	6.78	51.24	10.08	8.99	494H
A. C. Pride Brand Laying Mash	20.00	3.50	6.20	44.00	—	—	1023E
Analysis	20.30	4.72	5.54	50.76	10.64	8.04	197H
Davis Feed Store, John, Big Spring, Texas.							
Davis' Dairy Feed	18.00	3.00	11.00	50.00	—	—	667A
Analysis	18.18	3.39	10.53	50.24	9.97	7.63	594S
Davis Poultry Farm, Rule, Texas.							
Davis Egg-Maker Laying Mash	19.00	3.60	6.00	50.00	—	—	848A
Analysis	20.10	4.21	7.11	50.01	9.94	8.63	67S
Analysis	19.88	3.97	6.02	52.39	9.62	8.12	531S
Davis Sanitary Hatchery, Lamesa, Texas.							
Dividend Brand Laying Mash	19.00	3.50	7.00	44.00	—	—	1472A
Analysis ¹⁴³	20.00	4.04	5.38	48.93	9.92	11.73	275S
Dividend Brand Pullet Developer and Growing Mash	17.50	3.50	7.00	47.00	—	—	1472H
Analysis ¹⁴⁴	17.95	4.08	6.06	55.72	9.63	6.56	394S
Davison & Company, Galveston, Texas.							
Ceedee Hen Scratch	9.40	2.60	3.50	70.00	—	—	1648A
Analysis ¹⁴⁵	11.65	2.27	1.95	69.56	13.20	1.37	435M
Ceedee Laying Mash	18.00	3.50	8.00	47.00	—	—	1648C
Analysis	22.90	3.98	7.35	45.93	10.95	8.89	436M
Dawe & Son, Thos., Gonzales, Texas.							
Laying Mash	18.00	3.50	6.50	50.00	—	—	1717D
Analysis	19.49	4.85	5.35	53.10	10.21	7.00	348H
Starter and Developer Mash	17.00	3.60	5.50	53.00	—	—	1717E
Analysis	19.46	4.53	4.91	53.95	10.08	7.07	473H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁴²Excess of salt found.¹⁴³Excess of salt found.¹⁴⁴Deficient in ground limestone.¹⁴⁵Sunflower seed claimed, not found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued(The guaranties are printed in *italics* following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Dawe's Products Company, Chicago, Illinois.							
Flavonne	31.00	4.50	5.00	35.00	-----	-----	2270A
Analysis	32.55	7.29	6.27	40.62	8.24	5.03	175T
Analysis	32.66	7.83	6.14	39.76	8.59	5.02	322T
Dawe's Vitamelk Company, Chicago, Illinois.							
D. V. Base	23.00	4.50	5.00	45.00	-----	-----	2449A
Analysis	29.62	4.10	3.34	47.53	9.53	5.88	583S
Analysis	29.75	3.24	3.89	47.49	8.99	6.64	370T
Analysis ^a	29.39	3.21	3.99	47.80	8.89	6.72	389W
Decatur Soy Products Company, Decatur, Illinois.							
Illini Brand 41% Protein Soy- bean Oil Meal	41.00	4.50	7.00	29.00	-----	-----	1481A
Analysis	44.83	4.88	6.35	29.77	9.33	4.84	444W
De Leon Leghorn Farm, De Leon, Texas.							
De Leon Leghorn Farm Egg Mash	18.00	3.60	5.50	50.00	-----	-----	994A
Analysis	18.40	4.19	5.89	53.56	10.20	7.76	251W
Denison Peanut Company, Inc., Denison, Texas.							
25% Protein Whole-Pressed Peanut Screenings	25.00	10.00	14.00	32.00	-----	-----	2387I
Analysis	30.45	12.07	25.44	19.71	5.94	6.39	440T
Denton Dairy Co-Operative Asso- ciation, Denton, Texas.							
Egg Laying Mash	20.40	3.50	8.00	44.50	-----	-----	268E
Analysis	21.78	4.77	6.35	45.05	10.57	11.48	31T
Farmers Dairy Feed	16.60	3.50	12.00	50.00	-----	-----	268W
Analysis	17.68	4.13	10.87	50.01	10.73	6.58	103T
Analysis	17.35	4.31	11.38	50.99	10.96	5.01	442T
Farmers Egg Mash	18.00	3.50	7.60	48.50	-----	-----	268M
Analysis ¹⁴⁶	19.00	4.19	7.92	50.59	10.33	7.97	441T
Denton Mill & Elevator Company, Denton, Texas.							
Gold Top 5 Egg Mash	19.00	3.50	7.50	46.00	-----	-----	1047C
Analysis ¹⁴⁷	19.60	3.51	7.15	50.84	10.73	8.17	501M
Denver Alfalfa Milling & Prod- ucts Company, The, Lamar, Colorado.							
Alfalfa Meal	13.00	1.50	33.00	35.00	-----	-----	1824A
Analysis	12.94	1.38	34.57	35.29	7.63	8.19	10K
Alfalfa Leaf Meal	20.00	2.50	18.00	40.00	-----	-----	1824C
Analysis ^{a148}	22.16	1.86	16.57	32.39	11.95	15.07	281H
Analysis	21.13	2.17	18.57	36.69	9.57	11.87	46J
Analysis	19.53	2.06	17.68	38.64	10.52	11.57	143M
Analysis	20.32	2.97	16.42	39.18	10.11	11.00	14P
Analysis	22.35	2.95	15.28	36.98	11.23	11.21	124T

^a b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.¹⁴⁰Deficient in ground limestone and salt.¹⁴⁷Deficient in ground oyster shell.¹⁴⁸Excess of ash present.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Denver Alfalfa Milling & Products Company, The, Lamar, Colorado.—Cont'd.							
Triple XXX Brand Alfalfa Meal	13.00	1.50	33.00	35.00			1824D
Analysis	15.55	1.75	31.39	33.84	9.28	8.19	108H
Analysis ^a	16.40	1.64	28.68	36.37	7.37	9.54	226S
Analysis	15.89	1.73	28.62	36.45	9.25	8.06	97W
Analysis ^a	19.07	1.97	27.12	34.77	7.88	9.19	165W
Alfalfa Stem Meal	9.00	0.80	40.00	30.00			1824E
Analysis ¹⁴⁰	15.38	1.49	34.60	31.18	9.63	7.72	195M
Analysis	13.05	.96	38.95	30.50	9.41	7.13	352M
Dehydrated Alfalfa Leaf Meal	20.00	2.50	18.00	40.00			1824L
Analysis	19.14	3.21	20.85	39.00	5.83	11.97	254K
Dimmitt Wheat Growers, Inc., Dimmitt, Texas.							
Ho-Made Chick Starter Mash	17.50	3.50	6.60	51.00			513B
Analysis ¹⁵⁰	18.50	4.06	6.05	52.64	10.86	7.89	348S
Growing Mash	14.40	3.00	6.60	55.00			513C
Analysis	15.91	3.09	6.04	56.50	10.68	7.78	73K
Dittlinger Roller Mills Company, H., New Braunfels, Texas.							
Wheat Gray Shorts	17.00	4.00	6.00	55.00			13D
Analysis ¹⁵¹	18.31	4.12	7.44	53.29	11.75	5.09	143H
Analysis ^{151e}	18.83	4.27	7.15	53.32	11.55	4.88	200H
Analysis	17.20	4.00	5.98	56.57	12.06	4.19	350W
Analysis ¹⁵¹	18.89	4.34	6.71	54.69	10.43	4.94	576W
Dittlinger's Best All-Mash Starter	18.00	3.80	6.00	48.00			13M
Analysis	19.90	3.95	4.40	53.63	9.70	8.42	326H
Analysis	21.00	5.36	5.23	50.47	10.31	7.63	507S
Analysis	20.74	4.05	4.86	52.20	9.68	8.47	450W
Feeding Corn Meal	9.00	3.50	3.00	70.00			13R
Analysis	9.28	4.89	4.41	68.62	11.50	1.30	96H
Dittlinger's Quality Brand Growing Mash	16.00	3.60	6.00	52.50			13T
Analysis	16.30	3.69	5.61	60.86	6.58	6.96	58H
Analysis	17.24	3.74	5.75	54.81	11.07	7.39	347H
Dittlinger's Best Laying Mash Concentrate	35.00	3.70	5.80	30.00			13U
Analysis ^{152e}	34.64	4.91	7.15	27.22	8.78	17.30	228W
Dittlinger's Best 43% Protein Supplement for Hogs	43.00	3.50	7.00	17.00			13Y
Analysis ¹⁵³	40.06	5.81	4.53	19.68	8.75	21.17	595W
Dittlinger's Best Baby Chick Starter	15.50	3.50	5.00	55.00			13A5
Analysis	16.18	3.42	4.10	59.56	10.22	6.52	371W
Dittlinger's Best 24% Protein Dairy Feed	24.00	3.50	10.60	39.50			13A8
Analysis	21.22	3.78	10.20	44.59	11.93	8.28	120H
Analysis	24.44	4.15	10.39	42.74	10.27	8.01	484H
Analysis	25.68	3.99	10.31	41.63	10.33	8.06	571W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁴⁹Alfalfa meal.¹⁵⁰Excess of salt found.¹⁵¹Wheat brown shorts.¹⁵²Deficient in ground oyster shell.¹⁵³Deficient in ground limestone and excess of salt found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Dittlinger Roller Mills Company, H., New Braunfels, Texas—Continued.							
Red Star Cow Feed	10.00	1.80	24.00	44.00			13A9
Analysis	11.96	2.44	23.83	42.64	13.25	5.88	121H
Analysis	14.65	4.72	20.95	41.75	11.73	6.20	227H
Analysis	14.44	2.35	22.79	43.41	11.22	5.79	402H
Analysis	12.70	3.61	26.68	40.26	11.07	5.68	419H
Analysis	12.01	1.85	24.92	41.78	12.13	7.31	309M
Analysis	14.79	3.47	24.11	40.30	10.55	6.78	467W
Dittlinger's Quality Brand Chick Starter with Butter-Milk	18.00	4.00	5.50	48.00			13B9
Analysis	17.23	4.00	5.07	54.79	10.91	8.00	275H
Analysis	17.24	3.76	4.83	55.61	10.63	7.93	407H
Dittlinger's Quality Brand Dairy Feed	18.00	3.60	10.00	57.00			13C8
Analysis ¹⁵⁴	18.40	3.01	8.30	49.27	13.15	7.87	214H
Analysis	17.50	3.62	9.38	51.13	11.20	7.12	460M
Dittlinger's Best 5 Laying Mash	20.50	3.50	7.40	44.60			13D2
Analysis ¹⁵⁵	21.10	4.88	5.34	47.49	9.94	11.25	131H
Analysis	21.58	4.30	5.24	46.43	11.30	11.15	420H
Dittlinger's Best Turkey Starter	24.00	3.50	6.00	42.50			13D3
Analysis ¹⁵⁶	26.39	3.93	4.40	45.13	10.50	9.65	408H
Dittlinger's Quality Brand 35% Protein Laying Mash Concentrate	35.00	3.60	5.80	30.00			13E8
Analysis	35.80	3.68	3.56	32.08	9.44	15.44	57H
Analysis ¹⁵⁷	36.68	2.40	5.75	28.47	8.96	17.74	274H
Dittlinger's Best Turkey Laying Mash Pellets	21.00	3.90	6.50	45.00			13F1
Analysis	20.53	4.72	5.91	47.07	12.58	9.19	206H
Dittlinger's 18% Protein Cow Feed	18.00	4.20	9.00	46.50			13F4
Analysis	17.21	3.81	7.79	51.91	12.33	6.95	38H
Analysis ¹⁵⁵	18.25	3.54	6.83	51.86	11.72	7.80	228H
Dittlinger's Quality Brand 24% Protein Cow Feed	24.00	4.50	10.00	41.00			13F5
Analysis	24.20	4.58	8.44	44.62	10.85	7.31	266H
Analysis	22.60	4.58	8.65	45.42	11.17	7.58	210W
Dittlinger's Eclipse Brand Laying Mash	20.00	3.60	6.50	46.50			13F6
Analysis	21.30	3.96	5.79	49.03	10.85	9.07	59H
Analysis	21.62	3.98	6.29	47.95	10.66	9.50	207H
Analysis	22.05	4.32	6.13	48.12	9.25	10.13	496H
Analysis	22.23	3.93	6.13	47.73	10.81	9.17	336M
Analysis	21.39	4.00	6.28	49.43	9.83	9.07	318W
Dittlinger's Eclipse Brand Laying Mash Pellets	20.00	3.60	6.50	46.50			13F7
Analysis	20.78	3.59	5.96	49.99	10.75	8.93	346H
Dittlinger's Best Cattle Feed	16.00	3.00	10.00	51.50			13G8
Analysis	19.99	2.62	7.30	50.81	11.25	8.03	193H
Dittlinger's 20% Protein Cattle Feed Pellets	20.00	3.20	9.00	36.00			13H1
Analysis ¹⁵⁸	20.14	2.48	6.94	52.14	10.56	7.74	45S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁵⁴Some peanut hulls found, not claimed.¹⁵⁵Excess of salt found.¹⁵⁶Ground dried kelp claimed, not found.¹⁵⁷Deficient in ground oyster shell.¹⁵⁸In cube form.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Dittlinger Roller Mills Company, H., New Braunfels, Texas—Continued.							
Dittlinger's Best 16% Protein Sheep Feed Cubes.....	16.00	3.00	10.00	48.50	—	—	13H5
Analysis ^{a159}	20.70	2.90	6.60	51.70	10.57	7.53	127S
Dittlinger's 20% Protein Sheep Feed Cubes.....	20.00	3.30	9.80	45.50	—	—	13H6
Analysis ^f	14.24	2.95	6.99	57.66	9.02	9.14	425W
Dixie Poultry Farm & Hatchery, Brenham, Texas.							
Dixie Quality Brand Breeder Egg Mash.....	19.00	4.00	6.50	49.00	—	—	962B
Analysis ¹⁶⁰	20.18	4.20	6.22	50.24	10.65	8.51	272M
Dixie Broiler Mash.....	18.00	3.70	7.00	49.00	—	—	962I
Analysis ¹⁶¹	16.14	3.78	6.53	56.50	11.48	5.57	273M
Dixie Broiler Mash Nuggets.....	18.00	3.70	7.00	49.00	—	—	962J
Analysis ^a	19.66	4.45	5.73	52.91	10.25	7.00	445M
Dixon Packing Company, Inc., Houston, Texas.							
Dixco Brand 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	—	—	2572A
Analysis.....	53.71	9.79	1.92	.37	6.50	27.71	351H
Analysis.....	50.67	10.09	1.71	.75	7.73	29.05	9M
Analysis.....	53.90	9.61	1.75	1.86	7.76	25.12	354M
Dobry Flour Mills, Inc., Yukon, Oklahoma.							
Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00	—	—	739D
Analysis ^a	16.43	3.73	9.95	54.49	8.90	6.50	27M
Wheat Gray Shorts and Screenings.....	16.00	4.00	6.00	55.00	—	—	739G
Analysis.....	17.62	4.18	6.19	56.60	10.97	4.44	129P
Analysis.....	16.70	4.27	6.05	56.12	12.29	4.57	162P
Analysis.....	18.10	4.59	5.96	55.39	11.94	4.02	204T
Analysis ^{162c}	18.00	4.10	6.34	53.12	13.95	4.49	458T
Analysis ^{a c 163}	17.88	4.54	6.31	55.14	11.84	4.29	20W
Dodge City Flour Mills, The, Dodge City, Kansas.							
Wheat Gray Shorts.....	16.00	3.50	6.00	55.00	—	—	798C
Analysis.....	19.58	4.29	4.42	56.51	11.31	3.89	42W
Analysis.....	17.00	4.30	5.30	56.62	12.71	4.07	356W
Doggett Grain Company, Dallas, Texas, and Branches.							
Kafir Chop.....	10.00	2.50	3.00	70.00	—	—	2596I
Analysis.....	11.82	3.17	2.11	70.86	10.02	2.02	6K
Dooley's Feed Store, San Angelo, Texas.							
Dooley's Better-Brand Cow Feed.....	18.00	3.60	12.50	46.50	—	—	705D
Analysis ¹⁶⁴	19.84	3.81	11.80	46.67	10.08	7.80	217S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁵⁹Deficient in ground limestone.¹⁶⁰Excess of salt found.¹⁶¹Meat and bone scraps claimed, not found.¹⁶²Wheat brown shorts and screenings.¹⁶³Ground whole oats found in wheat brown shorts and screenings.¹⁶⁴Deficient in ground limestone.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Dorsey Grain Company, Weatherford, Texas.							
Four-Square Egg Mash	19.00	3.50	8.00	45.60			259R
Analysis ¹⁰⁵	20.07	4.81	7.42	47.20	10.59	9.91	327T
Analysis	19.50	4.32	6.13	49.20	11.34	9.51	487T
Big 3 Special Feed	14.00	2.00	35.00	32.00			259X
Analysis ¹⁰⁵	13.34	2.20	32.32	34.80	11.46	5.88	373T
Analysis	14.14	2.64	37.34	28.38	11.02	6.48	625T
Douglas, Roy, Fort Worth, Texas.							
Dairy Feed	17.00	3.40	13.00	46.00			1793D
Analysis	19.56	3.53	11.43	48.14	9.84	7.50	521T
Downman Grain & Hay Company, E. C., Houston, Texas.							
Downman's Best Laying Mash	19.00	3.70	6.30	47.00			276A
Analysis	20.41	4.71	5.65	50.24	9.97	9.02	348M
Big D 18% Protein Dairy Feed	18.00	4.00	14.00	42.00			276H
Analysis ¹⁰⁶	19.45	5.85	11.47	43.24	10.93	9.06	26M
Black Jack Stock Feed	10.00	3.00	16.00	49.00			276A2
Analysis ¹⁰⁷	12.97	2.36	13.56	48.03	13.79	9.29	413M
Big D 24% Protein Dairy Feed	24.00	4.50	15.00	33.00			276A5
Analysis ¹⁰⁶	23.00	6.33	16.04	35.30	10.02	9.31	414M
Big D 16% Protein Dairy Feed	16.00	4.00	16.00	41.50			276A6
Analysis ¹⁰⁸	18.50	5.50	17.02	37.72	10.32	10.94	412M
Downman's Pay-Off Brand 18% Protein Dairy Feed	18.00	3.50	15.00	40.50			276A9
Analysis	19.63	3.67	15.90	41.88	10.29	8.63	415M
Rolled Whole Barley	11.00	1.50	6.00	65.00			276E4
Analysis	14.01	1.58	5.98	64.84	10.90	2.69	478M
Dublin Mills, Inc., Dublin, Texas.							
All-Gold Brand Poultry Flock Ration	18.00	3.50	8.00	44.00			678E
Analysis ¹⁰⁶	19.08	3.58	7.85	51.29	10.87	7.33	239W
All-Gold Brand Special Dairy Feed	18.00	3.00	15.00	41.00			678J
Analysis ¹⁰⁷	19.00	4.09	15.22	43.52	10.51	7.66	256W
All-Gold Ideal Brand Cow Feed	15.50	3.20	28.00	41.00			678P
Analysis ¹⁰⁹	14.00	2.77	27.76	34.91	10.56	10.00	514W
Analysis	15.03	2.86	25.36	37.40	9.77	9.58	602W
All-Gold Brand 20% Protein Laying Mash	20.00	3.70	8.00	46.00			678R
Analysis	20.50	3.62	7.53	50.44	10.12	7.79	46W
All-Gold Brand Chick Starter	18.00	4.00	6.50	49.50			678A4
Analysis ¹⁰⁷	18.85	4.50	6.29	52.38	10.05	7.93	339T
All-Gold Brand Chick Starter	18.50	4.00	6.50	49.50			678A4
Analysis ¹¹¹	19.30	4.29	5.71	52.30	11.01	7.39	517W
Wheat Gray Shorts and Screenings	15.00	3.50	6.00	55.00			678C6
Analysis ¹¹²	17.60	3.84	8.34	52.96	11.81	5.45	338T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁰⁵Corn chop found, not claimed.¹⁰⁶Excess of ground oyster shell found.¹⁰⁷Deficient in ground oyster shell.¹⁰⁸Excess of ground oyster shell and salt.¹⁰⁹Bar corn chop with husk claimed, not found. Deficient in ground limestone.¹¹⁰Excess of salt found.¹¹¹Cottonseed meal found, not claimed.¹¹²Wheat mixed feed and screenings.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Dublin Mills, Inc., Dublin, Texas.—Cont'd.							
Sterling Brand Laying Mash	19.00	3.50	8.00	46.00			678D5
Analysis ¹⁷³	18.80	3.82	7.29	52.74	9.94	7.41	599W
All-Gold Brand Sweet Feed	9.00	1.80	25.00	42.00			678E2
Analysis ¹⁷⁴	9.48	1.53	27.89	40.09	13.41	7.60	48W
Durant Milling Company, Durant, Oklahoma.							
Whole Oat Chop	11.00	4.00	12.00	58.00			2037B
Analysis	11.90	3.90	10.22	60.73	9.41	3.84	167T
Analysis	10.65	5.48	13.28	56.38	10.35	3.86	436T
Red Warrior Laying Mash	20.00	4.50	7.00	45.00			2037C
Analysis ¹⁷⁵	19.65	4.63	6.89	50.77	11.19	6.87	283T
Red Warrior All-Mash Starter	17.50	4.00	7.00	53.00			2037M
Analysis ¹⁷⁶	17.21	4.36	5.80	56.31	10.95	5.37	434T
Indian Maid Sweet Feed	9.00	2.00	10.00	52.00			2037P
Analysis ¹⁷⁷	10.94	2.39	12.76	54.04	15.36	6.51	547T
Red Warrior Dairy Feed with Molasses	16.00	3.30	11.00	47.00			2037Q
Analysis	17.95	5.09	10.47	49.15	12.43	4.91	548T
Tee-Pee Sweet Feed	9.00	2.50	14.50	49.50			2037Z
Analysis ¹⁷⁸	12.97	4.20	10.01	51.53	11.81	9.48	121T
Analysis ¹⁷⁹	9.25	1.57	15.05	51.31	15.07	7.75	433T
Ground Whole Barley	11.00	1.50	6.00	65.00			2037A3
Analysis ^{da180}	13.92	1.88	6.46	62.47	11.81	3.46	123T
Eager Feed & Produce, Stamford, Texas.							
Circle-E Egg Mash	18.00	3.50	7.00	46.00			1312A
Analysis	18.70	3.95	5.85	53.67	10.30	7.53	629S
Circle-E Special Egg Mash	18.00	3.50	7.00	47.00			1312B
Analysis	20.70	4.26	5.92	49.22	11.88	8.02	62S
Circle-E Growing Mash	16.00	3.50	7.00	51.00			1312C
Analysis	16.62	3.39	4.55	59.30	9.88	6.26	531S
Circle-E Chick Starter	17.00	3.50	6.00	54.00			1312E
Analysis	17.34	4.06	5.71	55.92	10.25	6.72	534S
Eagle Milling Company, Edmond, Oklahoma.							
Wheat Brown Shorts and Screenings	16.50	3.50	7.50	53.00			724E
Analysis	17.00	3.91	7.66	55.22	11.72	4.49	55M
First Prize Brand Egg Mash	18.00	3.50	8.00	48.00			724H
Analysis	16.47	4.88	8.86	50.20	9.54	10.05	100P
Analysis ¹⁸¹	16.95	3.55	6.94	50.01	11.18	11.37	197P

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁷³Fish meal and peanut meal claimed, not found. Corn gluten feed found, not claimed.¹⁷⁴Deficient in ground limestone.¹⁷⁵Ground whole barley found, not claimed.¹⁷⁶Deficient in ground limestone and salt.¹⁷⁷Milo head stems and ground screenings found, not claimed. Deficient in ground limestone and salt.¹⁷⁸Soybean oil meal, wheat bran, milo meal, barley, corn bran, and corn husk found, not claimed.¹⁷⁹Alfalfa meal and milo head stems found, not claimed. Deficient in ground limestone and salt.¹⁸⁰Milo meal and ground whole oats present.¹⁸¹Soybean oil meal and hegari meal found, not claimed.

Table 18. **Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued**

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Eagle Milling Company, Edmond, Oklahoma.—Cont'd.							
4-H Brand Egg Mash.....	20.00	3.50	8.00	45.00			724O
Analysis ¹⁸²	19.32	3.78	6.96	47.89	10.38	11.67	196P
Emco Mixed Feed.....	12.20	3.00	5.00	62.00			724Y
Analysis.....	11.84	2.63	3.18	64.91	12.18	5.26	461M
Early Grain & Seed Company, Waco, Texas.							
Early's Best Chicken Feed.....	10.30	2.50	3.00	70.00			412B
Analysis ¹⁸³	12.50	2.52	2.23	69.70	11.61	1.44	105W
Early's Best Laying Mash.....	19.00	3.60	6.50	45.50			412H
Analysis.....	20.61	4.23	6.20	48.60	10.00	10.36	303W
East Texas Cotton Oil Company, Palestine, Texas.							
4-to-1 Mixed Feed.....	11.70	1.70	36.50	35.00			549B
Analysis.....	11.64	1.91	31.25	41.07	8.02	6.11	71M
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			549C
Analysis.....	43.25	5.93	9.51	27.93	6.99	6.39	141M
Analysis.....	42.53	7.68	9.45	26.34	7.65	6.30	51P
Analysis.....	44.79	6.13	8.95	26.49	7.07	6.57	117P
Analysis ^c	42.39	6.33	9.99	22.00	12.93	6.36	166P
Analysis.....	43.33	6.53	9.53	26.45	7.71	6.45	340W
Analysis.....	43.74	6.08	8.84	26.81	7.70	6.83	369W
Milk-O-Feed.....	17.00	4.00	19.30	40.80			549E
Analysis.....	15.00	4.26	15.73	42.84	11.95	10.22	569W
43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00			549J
Analysis.....	43.28	7.17	16.78	20.81	7.94	4.02	18J
Analysis ^c	41.35	7.96	17.30	20.61	8.95	3.83	579W
East Texas Cotton Oil Company, Terrell, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			63C
Analysis ^c	41.71	5.59	11.52	27.20	7.90	6.08	48J
Analysis.....	42.84	5.32	11.78	26.70	7.08	6.28	36P
Analysis ^c	41.17	5.38	11.88	26.89	8.55	6.13	179P
Analysis ^c	42.32	5.88	10.62	26.36	8.99	5.83	92T
Analysis ^c	41.85	5.24	11.53	27.34	7.96	6.08	457T
Etco 44% Protein Supplement for Hogs.....	44.00	4.50	12.00	15.00			63K
Analysis.....	45.30	6.86	10.14	18.09	6.82	12.79	55P
Etco Five Egg Mash.....	20.50	3.50	7.40	44.60			63B1
Analysis.....	21.55	4.97	7.39	44.23	10.13	11.73	91T
Etco Brand 18% Protein Dairy Feed.....	18.00	3.50	14.00	44.00			63B2
Analysis.....	20.25	3.81	11.83	46.20	10.76	7.15	553T1
East Texas Cotton Oil Company, Tyler, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			855A
Analysis ^c	42.46	6.39	10.29	27.71	6.84	6.31	45P
Analysis ^c	42.33	6.10	11.22	27.46	6.55	6.34	74P
Analysis.....	43.58	6.42	9.13	26.92	7.60	6.35	76P
East Texas Milling Company, Marshall, Texas.							
Special 16% Protein Cow Feed.....	16.00	2.40	27.00	37.00			961S
Analysis ¹⁸⁴	16.75	2.66	19.20	41.95	12.53	6.91	85T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁸²Cottonseed meal and hegari meal found, not claimed.¹⁸³Oats found, not claimed.¹⁸⁴Deficient in salt.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
East Texas Milling Company,							
Marshall, Texas.—Cont'd.							
Magic Brand 24% Protein Dairy Feed	24.00	3.00	11.00	43.00			961X
Analysis	24.76	3.05	10.24	45.05	10.68	6.22	84P
Analysis ¹⁸⁵	24.04	2.45	8.30	49.50	10.05	5.66	569T
Magic Brand All-Mash Starting Ration	15.00	3.50	5.50	54.00			961Z
Analysis	17.26	5.09	5.72	52.90	10.99	8.04	475T
Economy Cash Feed,							
Electra, Texas.							
Economy Brand Dairy Feed	16.50	3.00	15.00	46.00			2508C
Analysis	20.88	3.58	13.66	44.91	10.22	6.75	357T
Economy Pride Brand Dairy Feed	25.00	4.00	13.00	39.00			2508F
Analysis	25.72	5.10	9.76	43.11	9.79	6.52	24T
Analysis ¹⁸⁶	22.68	4.86	11.65	43.10	10.86	6.85	113T
Lone Star Brand Egg Mash	18.00	3.50	7.00	50.00			2508P
Analysis ¹⁸⁶	21.40	3.81	5.61	50.11	11.71	7.36	112T
Economy Cash Feed Store,							
Wichita Falls, Texas.							
"Best" Brand Egg Mash	19.50	4.30	8.00	47.00			29B
Analysis	19.60	4.80	6.62	50.02	10.69	8.27	161T
Analysis	18.24	3.97	7.07	52.66	9.10	8.96	612T
"Best" Brand 24% Protein Cow Feed	24.00	4.50	10.00	43.00			29G
Analysis ¹⁸⁷	24.02	5.18	8.69	45.82	9.61	6.68	21T
"Best" Brand All-Mash Chick Starter	18.00	3.60	6.00	51.00			29I
Analysis	18.27	4.04	5.95	53.61	10.38	7.75	356T
"Best" Brand Sweet Cow Feed	16.50	2.70	14.00	43.50			29O
Analysis ¹⁸⁸	17.40	3.68	11.67	48.48	10.29	8.51	534T
Economy Mills,							
Lampasas, Texas.							
Lamtex Brand Growing Mash	16.00	3.50	7.00	53.00			275K
Analysis	17.10	4.65	5.55	54.90	10.35	7.45	528W
Economy Mills,							
Lubbock, Texas.							
Lotta-Milk Brand Dairy Feed	16.00	3.00	16.00	45.00			1099F
Analysis	13.65	2.54	15.81	49.92	8.73	9.35	214K
Everlay D-D Brand Gro-Mash	18.00	3.50	7.50	49.00			1099K
Analysis ¹⁸⁹	19.93	3.71	7.40	52.99	9.03	6.94	184K
Analysis	19.55	3.66	7.61	53.35	8.79	7.04	462S
Economy Brand Pig-2-Hog 40% Protein Concentrate	40.00	4.60	7.50	24.00			1099W
Analysis ^{190e}	40.38	5.80	8.02	25.20	8.18	12.42	226S
Economy Brand Pig-2-Hog 40% Protein Concentrate	40.00	4.80	8.00	20.00			1099W
Analysis ¹⁹¹	39.29	4.32	8.07	25.44	8.11	14.77	76K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁸⁶Deficient in ground limestone and salt.¹⁸⁷Deficient in ground limestone.¹⁸⁸Ground whole barley and calcium carbonate found, not claimed.¹⁸⁹Deficient in ground oyster shell and salt.¹⁹⁰Deficient in ground limestone.^{190e}Deficient in salt and excess of ground limestone found.¹⁹¹Deficient in ground limestone and excess of salt found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Economy Mills, Lubbock, Texas.—Cont'd.							
Big Seven 4-V Brand Egg Mash	19.00	3.50	8.00	46.00	-----	-----	1099C3
Analysis ¹⁹²	20.98	3.16	7.68	52.22	9.01	6.95	199K
Everlay D-D Brand Chick Starter	18.00	3.50	7.00	50.00	-----	-----	1099C4
Analysis	20.59	3.64	6.14	54.27	9.04	6.32	180K
Analysis ^a	19.04	3.90	6.66	52.87	11.14	6.33	210K
Analysis	21.36	3.22	7.71	50.30	10.38	7.03	341S
Everlay D-D Brand Summer Egg Mash	19.00	3.60	6.50	48.00	-----	-----	1099F1
Analysis	21.74	3.68	8.06	49.39	9.53	7.60	279K
Green Top Brand Alfalfa Leaf Meal	20.00	2.50	18.00	40.00	-----	-----	1099F2
Analysis [*]	17.59	2.15	20.72	38.51	9.44	11.59	212K
Everlay Brand Breeders Egg	19.00	3.50	7.00	49.00	-----	-----	1099G1
Analysis	21.41	3.30	8.15	49.37	9.50	8.27	70K
Eden Mill & Feed Company, Bryan, Texas.							
Whole Oat Chop	11.00	4.00	12.00	58.00	-----	-----	2095B
Analysis	9.18	4.74	15.93	55.69	9.55	4.91	3M
Eden Wool & Mohair Company, Eden, Texas.							
Hall's 43% Protein Supplement for Fattening Hogs	43.00	4.50	13.00	17.50	-----	-----	2125D
Analysis	44.04	5.13	10.65	20.40	7.93	11.85	615S
Hall's Quality Brand Laying Mash	20.00	3.60	7.00	46.00	-----	-----	2125F
Analysis ¹⁹³	20.20	4.72	6.76	46.86	9.46	12.00	506S
Hall's Economy Brand Dairy Feed	18.00	3.40	13.00	47.00	-----	-----	2125G
Analysis	17.38	3.45	11.09	51.02	9.94	7.12	46S
Eden's Best 32% Protein Mash Concentrate	32.00	5.00	8.50	24.00	-----	-----	2125L
Analysis	33.10	6.00	8.74	26.37	8.09	17.70	564S
Eden's Best Growing Mash	16.00	3.50	8.00	51.00	-----	-----	2125M
Analysis	18.35	4.75	6.89	52.30	8.42	9.29	643S
Egg-A-Day Hatchery, Rotan, Texas.							
J. O.'s Egg Mash	19.00	3.60	6.00	48.00	-----	-----	2456A
Analysis ¹⁹⁴	20.66	4.69	5.12	50.02	9.35	10.16	453S
J. O.'s Baby Chick Starter	18.00	3.50	5.00	51.00	-----	-----	2456C
Analysis	19.95	5.13	4.17	52.22	9.06	9.47	454S
J. O.'s Growing Mash	18.50	3.70	6.00	46.50	-----	-----	2456E
Analysis	21.46	4.91	5.15	47.47	9.39	11.62	541S
El Campo Rice Milling Company, El Campo, Texas.							
Super-8 Brand Egg Mash with Cod Liver Oil	19.00	5.00	7.50	46.00	-----	-----	451G
Analysis ¹⁹⁵	18.85	7.17	6.35	48.29	9.87	9.47	5M
Analysis	19.00	6.57	6.72	48.62	9.12	9.97	338M
Elco Hog Fattener	12.00	4.00	5.50	56.00	-----	-----	451I
Analysis ¹⁹⁶	12.48	5.18	5.15	56.27	15.07	5.85	44M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁹²Deficient in ground oyster shell and excess of salt found.¹⁹³Excess of ground oyster shell found.¹⁹⁴Deficient in ground oyster shell.¹⁹⁵Deficient in ground limestone.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
El Campo Rice Milling Company, El Campo, Texas.—Cont'd.							
Elco Steer Fattener Cubes	12.80	5.00	10.00	51.00			451Q
Analysis	13.48	6.33	9.14	49.92	12.57	8.56	119M
Elco Broiler Mash	17.00	4.00	7.00	50.00			451U
Analysis	18.10	5.74	6.38	49.18	9.67	10.93	4M
Analysis	17.30	5.49	5.00	51.76	11.22	9.23	43M
Elco Branola	13.00	12.00	14.00	40.00			451A7
Analysis	13.95	13.12	9.28	42.73	9.53	11.39	221M
Elco Shortola	12.00	10.00	4.20	50.00			451A8
Analysis	12.30	8.11	3.11	50.69	11.39	5.40	370H
Analysis	12.70	13.03	2.75	52.44	11.03	8.05	201M
Yellow Corn Meal	9.00	3.50	3.00	70.00			451B3
Analysis	9.20	4.23	2.20	70.71	11.82	1.84	118M
Elco Coastal Cattle Feed Pellets	17.00	3.20	8.00	50.00			451D7
Analysis	19.09	4.25	6.02	52.37	11.70	6.57	210M
Elco Show Feed	15.00	2.60	9.50	52.50			451D8
Analysis ¹⁹⁶	15.92	3.68	8.74	53.18	12.35	6.13	129M
Elgin Cotton Oil Company, Elgin, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			1429B
Analysis ¹⁹⁷	41.39	6.59	11.40	27.55	7.03	6.04	2H
Analysis	42.28	6.21	11.45	27.94	6.30	5.82	73H
Analysis ^c	42.34	6.22	11.04	26.74	7.49	6.15	292H
Analysis	42.20	6.55	11.07	26.46	7.55	6.17	468W
Elk Cottonoil Co., Elk City, Oklahoma.							
Elk Brand 43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00			472C
Analysis ¹⁹⁸	39.39	5.70	10.76	29.42	8.65	6.08	256K
Elk Brand 43% Protein Cottonseed Pellets	43.00	5.20	12.00	25.00			472E
Analysis ^c	41.87	7.99	9.84	26.69	8.44	5.17	A
Elk Brand 43% Protein Coarse Cottonseed Meal	43.00	5.20	12.00	25.00			472F
Analysis	43.04	6.81	9.51	26.93	7.92	5.79	18K
El Paso Cotton Industries, Inc., El Paso, Texas.							
Paymaster Brand 43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00			1116A
Analysis ^c	42.40	6.76	10.16	27.62	6.99	6.07	98S
Analysis	42.94	6.08	10.65	28.40	5.71	6.22	491S
Engelman Gardens Association, Edinburg, Texas.							
Dried Citrus Pulp	6.00	2.00	12.50	66.00			383A
Analysis ^c	5.47	.88	11.72	65.82	12.27	3.84	89H
Dried Citrus Pulp	6.00	1.40	12.50	66.00			383A
Analysis	5.47	.72	11.33	68.43	10.13	4.92	245H
Erick Mill & Elevator Company, Erick, Oklahoma.							
More-Profit Brand Dairy Feed	17.00	3.30	10.50	48.00			674J
Analysis	17.20	3.33	10.27	52.58	8.98	7.64	32K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁹⁶ Corn meal found, not claimed.¹⁹⁷ Weevils present.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Ervin & Bishop, Houston, Texas.							
Rolled Whole Oats	11.00	4.00	12.00	58.00			76E
Analysis	10.35	5.45	11.52	57.67	11.24	3.77	398M
Milo Chop	10.00	2.50	3.00	70.00			76L
Analysis	9.69	2.53	2.46	71.99	11.61	1.72	462M
But-A-Fat Brand 19% Protein Dairy Feed	19.00	3.40	15.00	48.00			76V
Analysis ¹⁹⁸	20.55	3.55	11.90	45.54	12.23	6.23	295M
Two-in-One Stock Feed	9.50	3.00	12.50	54.00			76Z
Analysis ¹⁹⁹	13.11	3.00	11.70	52.33	12.28	7.58	296M
E & B Brand Station Fattener	13.00	4.00	6.00	52.00			76A4
Analysis	13.05	4.04	4.59	64.13	11.75	2.44	464M
Shur-Eggs Brand Chick Growing Mash	18.00	3.60	7.00	48.50			76A5
Analysis	18.10	4.64	5.89	52.37	10.64	8.36	288M
Shur-Eggs Brand Chick Starter	20.00	3.70	5.50	46.00			76A6
Analysis	21.30	5.24	5.52	49.23	10.47	8.24	287M
Shur-Eggs Brand Laying Mash	20.00	3.70	6.00	48.00			76B9
Analysis	20.40	5.11	5.65	48.29	10.71	9.84	286M
Aalfalfa Stem Meal and Molasses	8.00	0.50	32.50	36.50			76C6
Analysis*	10.65	1.08	27.67	39.40	13.39	7.81	370M
Crushed Whole Barley	11.00	1.50	6.00	65.00			76C8
Analysis	13.35	1.65	6.60	63.69	11.30	3.41	463M
Big Ten Brand Laying Mash	20.00	3.60	6.50	45.50			76D2
Analysis	21.86	3.98	6.04	46.50	9.96	11.66	25M
Analysis	22.79	4.13	6.33	46.79	9.19	10.77	531M
Tex Stock Feed	11.00	3.00	10.00	56.50			76E5
Analysis ²⁰⁰	12.91	3.40	10.27	53.56	11.90	7.96	294M
Analysis	13.41	3.51	9.04	55.86	12.39	5.79	567M
Shurfat Brand 40% Protein Concentrate for Hogs	40.00	4.50	10.00	19.50			76F8
Analysis	39.11	5.57	8.07	22.46	9.44	15.35	466M
Magnolia Brand Mixed Feed-Dry	9.00	2.00	20.00	52.00			76G6
Analysis	10.10	2.85	18.00	49.83	12.20	7.02	329M
Three Cs Mixed Feed	11.80	2.00	3.00	70.00			76G9
Analysis	14.47	1.92	2.37	67.54	11.62	2.08	465M
Fairmont Creamery Company, The, Omaha, Nebraska, and Branches.							
Fairmont's Dried Buttermilk Flakes (Feeding)	32.00	6.00	1.00	35.00			1723A
Analysis	33.52	8.18	.25	36.00	10.50	11.55	405W
Fairmont's Gold Nugget Brand Turkey All-Mash	20.00	5.00	7.50	46.00			1723B
Analysis	21.25	4.64	7.95	47.20	10.22	8.74	448M
Fairmont's Far-Mor Brand Laying Mash	18.00	4.00	8.00	48.50			1723D
Analysis	19.27	4.38	6.86	51.45	10.33	7.71	249K
Analysis	18.00	4.26	7.37	51.32	10.46	8.59	46M
Analysis	18.00	4.45	7.94	50.15	10.38	9.08	337M
Fairmont's Gold Nugget Brand Growing Mash	16.50	4.00	8.00	51.00			1723E
Analysis	16.92	4.80	8.07	51.35	10.60	8.26	274M
Analysis	18.60	4.57	6.86	52.59	9.28	8.10	636W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁹⁸Peanut hulls found, not claimed. Deficient in ground oyster shell.¹⁹⁹Cottonseed meal found, not claimed.²⁰⁰Peanut hulls found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Fairmont Creamery Company, The, Omaha, Nebraska, and Branches.—Cont'd.							
Fairmont's Gold Nugget Brand							
Chick Starter Mash	17.50	4.00	8.00	50.00			1723F
Analysis	17.82	4.60	6.44	52.61	10.65	7.88	185M
Analysis ²⁰¹	19.05	4.55	6.26	53.08	9.73	7.33	546M
Fairmont's Gold Nugget Brand							
Laying Mash with Buttermilk	19.00	4.00	8.00	48.00			1723H
Analysis	20.50	4.89	5.74	49.92	9.91	9.04	184M
Analysis	19.85	4.78	6.41	49.93	9.35	9.68	545M
Falkenbury Bros. Milling Com- pany, Cleburne, Texas.							
Wonder Brand Growing Mash	17.80	3.50	8.00	48.50			44I
Analysis	17.59	4.50	6.52	52.49	10.91	7.99	381W
24% Protein Dairy Feed	24.00	3.50	11.00	42.00			44M
Analysis	27.41	4.52	7.51	44.71	10.72	5.13	131W
Laying Mash	20.50	3.50	7.40	44.60			440
Analysis	21.68	5.51	6.09	45.96	9.43	11.33	35W
Fallis & Company, Iredell, Texas.							
Laying Mash	18.00	3.50	6.00	51.00			460B
Analysis	18.98	3.30	5.99	51.12	10.86	9.75	142W
All-Mash Starting Ration	15.50	3.50	6.50	53.00			460C
Analysis	17.40	4.38	4.87	54.61	10.70	8.04	396W
Fant Milling Company, Sherman, Texas.							
Fant's 24% Protein Dairy Feed	24.00	3.50	11.00	40.00			1710G
Analysis ²⁰²	24.30	4.04	9.72	45.49	10.16	6.29	35T
Gladiola Wheat Bran & Screen-							
ings	14.50	3.50	10.00	53.00			1710H
Analysis	16.52	4.19	9.01	53.99	10.19	6.10	40J
Analysis	18.10	4.28	9.53	52.87	8.52	6.70	552M
Fant's Laying Mash	19.00	3.60	7.00	49.00			1710L
Analysis	18.53	4.90	6.60	51.83	9.79	8.35	281T
Analysis	19.00	4.71	6.27	51.66	10.60	7.76	365W
Fant's Growing Mash	16.00	3.50	7.00	50.50			1710Q
Analysis ²⁰³	16.82	4.33	6.82	53.79	10.07	8.17	545T
Gladiola Wheat Gray Shorts							
and Screenings	17.00	4.00	6.00	55.00			1710A7
Analysis ^{204c}	17.50	4.00	6.58	56.33	11.25	4.34	508H
Analysis	16.64	4.03	5.39	57.85	12.31	3.78	154P
Analysis	17.10	4.43	5.45	56.23	12.84	3.95	176P
Analysis	15.84	4.02	5.58	57.64	13.12	3.80	169T
Analysis ²⁰⁴	18.00	4.12	6.26	55.18	11.95	4.49	438T
Analysis	15.97	4.01	6.02	59.74	10.08	4.18	618T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁰¹Deficient in ground limestone.²⁰²Ground whole oats and ground whole barley found, not claimed. Deficient in ground limestone and salt.²⁰³Fish meal and peanut meal claimed, not found.²⁰⁴Wheat brown shorts and screenings.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Farley, Pascal, Whitewright, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00	—	—	896C
Analysis	7.79	3.68	11.71	65.08	9.88	1.86	36T
Analysis	8.37	3.07	9.49	66.01	11.20	1.86	62T
Analysis	8.07	3.23	9.68	65.63	11.59	1.80	68T
Analysis	8.06	3.27	10.19	65.21	11.15	2.12	449T
Analysis ²⁰⁶	8.04	3.24	8.73	65.97	11.69	2.33	564T
Farmers Alfalfa Milling Company, Fort Smith, Arkansas.							
Tendergreen Brand Dehydrated Alfalfa Leaf Meal	20.00	2.50	18.00	40.00	—	—	741A
Analysis	19.95	3.00	20.87	36.96	9.20	10.02	111T
Analysis	18.90	3.45	13.93	46.44	7.38	9.90	137W
Analysis ^a	24.22	4.06	16.72	35.84	8.88	10.28	624W
Farmers Co-Operative Association, Shiner, Texas.							
Prosperity Brand Egg Mash ..	20.50	3.50	7.40	44.60	—	—	856C
Analysis	21.69	5.07	5.45	46.77	10.45	10.57	414H
Prosperity Brand Growing Mash	16.50	3.60	8.00	50.00	—	—	856D
Analysis	18.65	4.06	6.06	54.10	10.39	6.74	350H
Prosperity Brand Starting Mash	17.00	3.50	6.00	52.00	—	—	856E
Analysis [*]	17.83	4.71	5.10	55.79	10.53	6.04	478H
Shiner Community Laying Mash	19.50	3.70	7.00	48.00	—	—	856F
Analysis	21.44	4.83	5.21	50.45	10.58	7.49	479H
Farmer's Cooperative, Inc., Victoria, Texas.							
Our-Own Brand Laying Mash, Formula No. 4	20.50	3.50	7.40	44.60	—	—	918B
Analysis	23.06	4.42	6.45	44.00	9.95	12.12	66H
Farmers Cooperative Oil Mill, El Paso, Texas.							
43% Protein Cottonseed Meal	43.00	5.20	12.00	23.00	—	—	570A
Analysis	43.17	6.90	9.75	27.97	6.23	5.98	96S
Analysis	43.01	7.26	10.73	26.61	6.45	5.94	166S
Analysis	43.27	7.33	10.27	26.91	6.23	5.99	170S
Farmers Cotton Oil Company, Farmersville, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	—	—	501D
Analysis	43.05	5.85	10.25	26.78	7.66	6.41	360T
Farmers Cotton Oil Company, Texarkana, Texas.							
41.12% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00	—	—	1144F
Analysis	40.68	6.44	10.54	27.47	8.40	6.47	89P
Farmers Cotton Oil Company, Winnsboro, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	—	—	1795B
Analysis	42.53	6.05	9.57	26.38	9.42	6.05	28P
Analysis	43.78	6.17	9.38	25.89	8.58	6.20	133P
43% Protein Peanut Meal	43.00	6.00	12.00	23.00	—	—	1795C
Analysis	42.53	7.87	15.78	20.76	8.46	4.60	174P
Analysis	43.13	7.65	16.23	20.90	8.32	3.77	301T

a. b. c. d. e. f. g. h. i. j. k.—See legend at the beginning of this table.
²⁰⁶Milo meal and kafir meal present.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Farmers Cottonseed Oil Mills, Inc., Granger, Texas.							
28% Protein Whole-Pressed Cottonseed	28.00	4.50	23.00	29.00			33A
Analysis	28.35	5.01	25.10	30.47	6.38	4.69	287W
Analysis ^c	27.37	4.67	24.31	31.90	6.39	5.36	297W
Analysis ^c	26.33	5.51	22.84	31.90	8.99	4.43	333W
Analysis ^c	26.25	4.79	23.13	34.58	6.55	4.70	429W
Analysis ^c	26.16	5.24	22.98	30.92	8.87	5.83	465W
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			33B
Analysis ^c	42.32	5.64	8.81	28.71	7.95	6.57	73W
Analysis ^c	42.63	6.67	10.23	26.13	7.98	6.36	85W
Analysis ^c	43.93	6.58	11.18	25.55	6.68	6.08	162W
Analysis ^c	42.79	6.61	11.13	26.59	6.88	6.00	334W
Analysis ^c	42.72	6.18	10.58	26.03	8.06	6.43	532W
43% Protein Cottonseed Cake	43.00	6.00	12.00	23.00			33C
Analysis	44.54	6.36	9.61	25.63	7.60	6.26	286W
Analysis	43.56	6.25	10.06	26.93	7.18	6.02	288W
Analysis	43.68	6.05	10.75	26.71	6.69	6.12	430W
Farmers Elevator Company, Canyon, Texas.							
Chowmix Laying Mash	18.00	3.50	8.00	48.00			345Q
Analysis	19.80	4.08	5.05	54.09	9.88	7.10	240S
Farmers Elevator & Storage Company, Hamilton, Texas.							
Nu-Way Chick Starter	16.00	4.50	5.00	52.00			293E
Analysis ²⁰⁶	16.70	4.25	2.90	56.71	10.63	8.81	523W
Farmers Feed & Fuel Company, Electra, Texas.							
Ground Whole Oats	11.00	4.00	12.00	58.00			1618I
Analysis ²⁰⁷	11.45	6.44	9.29	58.90	9.46	4.46	535T
Farmers Gin & Oil Mill, Laredo, Texas.							
27% Protein Whole-Pressed Cottonseed	27.00	6.00	24.00	29.00			783C
Analysis	26.89	6.45	24.39	31.18	7.07	4.02	51H
Analysis	26.50	7.23	25.43	28.69	7.76	4.39	541H
Farmers Grain Store, Abilene, Texas.							
Bryant's All-Mash Laying Ration	15.00	3.50	6.00	56.00			1861C
Analysis	15.60	3.08	4.20	59.43	11.91	5.78	149S
Analysis	19.70	2.89	3.56	57.79	8.94	7.12	381T
Farmers Milling Company, Graham, Texas.							
F. M. C. Mix Cow Feed	19.50	3.50	10.00	48.50			2644F
Analysis ²⁰⁸	19.70	4.70	8.88	50.32	10.59	5.81	275T
F. M. C. Egg Mash	18.00	3.60	6.50	51.00			2644G
Analysis	18.62	4.92	5.88	53.38	9.33	7.87	12T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁰⁶Ground whole oats found, not claimed.²⁰⁷Milo head stems present.²⁰⁸Salt found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Farris Feed Company, Buck, Dallas, Texas.							
Our-Own Brand 18% Protein Dairy Feed	18.00	3.50	15.00	46.00			853B
Analysis	16.44	3.39	13.26	49.50	9.53	7.88	43T
Lucky Brand Cow Feed	12.00	2.00	26.50	44.00			853D
Analysis ²⁰⁰	14.78	3.06	17.25	46.26	10.60	8.05	304T
Feed Depot, The, El Paso, Texas.							
Economy Brand Laying Mash	18.00	3.70	7.50	47.00			1161A
Analysis	19.85	4.93	5.64	52.37	8.24	8.97	600S
C B Brand Laying Mash	19.00	3.80	7.00	48.00			1161F
Analysis ¹	22.44	6.60	6.01	48.25	8.16	8.54	554S
C B Brand Dairy Feed	15.00	3.00	8.50	56.00			1161H
Analysis ²¹⁰	16.69	4.27	9.51	53.97	9.68	5.88	18S
Texaco Brand Dairy Feed	16.50	3.20	6.50	52.00			1161L
Analysis ²¹¹	14.27	1.97	9.14	56.20	10.59	7.83	86S
Feeders Supply Company, Waco, Texas.							
Eagle Brand Broiler Mash	17.00	3.70	7.50	50.00			52M
Analysis	17.41	5.04	7.48	52.58	9.90	7.59	181W
Fertsch Produce Store, Hallettsville, Texas.							
Fertsch's Broiler Mash	20.00	3.50	5.50	49.00			884A
Analysis ^{da}	21.23	5.07	5.16	50.75	9.99	7.80	189M
Fertsch's Cow Feed	18.00	3.20	12.50	47.00			884B
Analysis ^{da}	18.01	3.81	11.17	49.54	10.94	6.53	191M
Fertsch's Ideal Brand Laying Mash	18.50	3.50	7.00	48.00			884C
Analysis ^{da}	20.44	4.75	6.84	48.39	10.01	9.57	188M
Fertsch's Lay-or-Bust Brand Laying Mash	18.00	3.50	6.00	51.00			884F
Analysis	18.40	4.10	5.66	51.62	10.88	9.34	277M
Fertsch's Top-Quality Brand 20% Protein Laying Mash	20.00	3.50	6.00	47.00			884G
Analysis	18.55	3.95	5.96	52.04	10.63	8.87	449M
Fertsch's Top-Quality Brand 18% Protein Chick Starter	18.00	3.50	6.00	48.00			884I
Analysis	21.10	4.40	5.29	50.40	10.75	8.06	450M
Fertsch's Top-Quality Brand 24% Protein Turkey Starter	24.00	4.00	6.00	41.00			884J
Analysis	24.95	4.07	6.04	43.82	10.30	10.52	451M
Fidelity Products Company, Houston, Texas.							
28% Protein Whole-Pressed Cottonseed	28.00	6.00	23.00	29.00			675C
Analysis ^e	27.40	5.38	23.27	31.86	7.38	4.71	343M
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			675L
Analysis	43.99	7.24	8.42	26.25	7.57	6.53	109H
Analysis	43.21	7.76	8.18	26.79	7.41	6.65	406M
Analysis ^{be}	41.83	6.93	10.20	27.34	6.98	6.68	535M
Firestone Feed & Poultry, Lamesa, Texas.							
Growthmore Brand Growing Mash	17.00	3.50	5.00	53.00			836B
Analysis	18.37	4.00	3.53	57.90	9.50	6.70	472S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁰⁰Wheat bran, milo chop, and rolled whole barley found, not claimed.²¹⁰Charcoal found, not claimed. Deficient in ground limestone.²¹¹Crimped whole barley found, not claimed. Deficient in ground limestone.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Flatonia Oil Mill Company, Flatonia, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			117F
Analysis	45.70	7.20	8.45	25.16	7.64	5.85	199H
Fletcher Grain Company, Georgetown, Texas, and Branches.							
Fletcher's 20% Protein Dairy Feed	20.00	3.80	11.00	46.00			1742C
Analysis ^{da}	20.55	3.99	10.34	50.09	9.68	5.35	464W
Flieller, E. A., Floresville, Texas.							
Pennant Brand Laying Mash	20.00	3.60	6.00	47.00			1296E
Analysis	21.67	5.75	5.84	46.75	9.65	10.34	6H
Pennant Brand Special Growing Mash	16.50	3.50	6.00	50.00			1296T
Analysis	17.92	5.32	6.50	49.70	11.05	9.51	301H
Pennant Brand Special Laying Mash	19.00	3.50	6.70	46.40			1296U
Analysis	20.86	4.93	6.24	46.84	11.08	10.05	300H
Flores Importing Company, E. L., Eagle Pass, Texas.							
Wheat Bran and Screenings	16.00	4.00	10.00	50.00			628A
Analysis	16.50	4.48	9.69	53.78	10.33	5.22	119H
Analysis	17.05	4.45	10.21	52.98	10.09	5.22	14M
Ford, C. A., San Angelo, Texas.							
F. D. Mixed Feed	13.00	2.40	20.00	46.00			246D
Analysis	10.90	2.22	15.53	52.35	12.21	6.79	116S
Fort Worth Cotton Oil Mill, Fort Worth, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			516H
Analysis	42.98	6.01	11.60	26.55	7.63	5.23	13T
Fort Worth Poultry & Egg Company, Fort Worth, Texas.							
Dried Buttermilk (Feeding)	34.00	5.00	1.00	35.00			195A
Analysis	35.34	8.20	.22	32.95	8.94	14.35	619T
Analysis	34.00	5.93	.21	41.29	6.66	11.91	548W
Fraser Milling Company, Hereford, Texas.							
Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00			224A
Analysis	17.55	3.38	5.28	59.85	10.38	3.50	217K
Wheat Mixed Feed and Screenings	16.00	3.50	8.50	52.00			224C
Analysis	19.16	4.50	8.08	54.26	8.53	5.47	282K
Sunny Boy Chick Starter Mash	17.00	4.00	6.00	51.00			224E
Analysis	17.95	3.82	6.01	54.36	10.01	7.85	203K
Sunny Boy Growing Mash	17.50	3.50	6.50	52.00			224Q
Analysis	19.30	3.74	5.96	53.00	9.82	8.18	264K
Analysis ^{b212}	19.09	3.77	4.82	55.10	9.39	7.83	276K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.²¹²In pellet form. Defaced tags attached.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Fraser Milling Company, Hereford, Texas.—Cont'd.							
Sunny Boy 16% Protein Dairy Feed	16.00	3.00	12.50	54.00	-----	-----	224S
Analysis	16.80	2.73	9.49	51.91	11.26	7.81	273K
Analysis	18.04	2.38	12.39	49.43	10.15	7.61	417T
Fraser's 9% Protein Sweet Feed	9.00	2.00	20.00	50.00	-----	-----	224A6
Analysis	9.79	1.46	17.31	51.67	10.71	9.06	151K
Friedrich Grain Company, Bartlett, Texas.							
Farmers Pride Growing Mash	16.00	3.50	7.50	49.00	-----	-----	1029C
Analysis	16.30	3.29	4.87	59.68	10.18	5.68	466W
Frist, Frank P., El Paso, Texas.							
Frist's Red Hen Egg Mash	20.00	3.60	7.00	43.00	-----	-----	432E
Analysis ²¹³	22.94	5.03	7.74	42.90	9.70	11.69	87S
Ascarate Laying Mash	19.00	3.60	7.00	46.00	-----	-----	432F
Analysis	20.23	4.59	6.42	49.20	8.67	10.89	21S
Fuller Cotton Oil Company, Snyder, Texas.							
43% Protein Cottonseed Cake	43.00	6.00	12.00	23.00	-----	-----	1866C
Analysis	44.15	7.17	9.65	26.48	6.69	5.86	181S
Analysis	42.56	5.61	11.93	26.84	7.61	5.45	308S
Analysis ^c	41.94	6.63	9.75	29.71	5.95	6.02	309S
Analysis	43.81	9.11	10.05	25.32	5.96	5.75	370S
Analysis	44.68	7.12	9.23	26.98	5.96	6.03	420S
Analysis	44.57	6.58	9.77	26.86	6.24	5.98	424S
Analysis	44.61	7.01	9.03	27.21	6.09	6.05	425S
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	-----	-----	1866D
Analysis	43.74	7.35	9.74	26.25	6.97	5.95	310S
Analysis	43.86	7.55	10.78	25.60	6.20	6.01	328S
Analysis	43.35	7.95	9.87	27.02	5.88	5.93	426S
43% Protein Cottonseed Pellets	43.00	6.00	12.00	23.00	-----	-----	1866F
Analysis ^c	41.90	7.07	9.84	28.64	6.79	5.76	255S
Analysis	43.42	7.16	9.62	25.28	8.64	5.88	369S
Analysis	42.80	6.72	9.70	26.90	7.88	6.00	419S
Furr Food Store, Lubbock, Texas.							
Furr's Best 40% Protein Supplement for Pigs-N-Hogs	40.00	4.00	8.00	23.00	-----	-----	1591B
Analysis	39.84	4.89	10.51	25.90	6.51	12.35	464S
Furr's Best Chick Starter	18.00	3.50	6.00	53.00	-----	-----	1591C
Analysis	18.50	4.05	5.30	54.40	10.04	7.71	386S
Furr's Best Egg Mash	20.00	3.50	7.00	48.00	-----	-----	1591F
Analysis	20.06	3.41	7.40	51.20	9.87	8.06	385S
Gainesville Oil Mill, Gainesville, Texas.							
Golden Rod Brand 43% Protein Cottonseed Cake	43.00	6.00	12.00	23.00	-----	-----	1425D
Analysis	43.40	5.49	9.15	27.79	7.37	6.80	604T
Golden Rod Brand 43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	-----	-----	1425H
Analysis ^c	42.10	7.73	8.99	27.72	7.77	5.69	194T
Analysis	43.20	6.12	9.65	26.56	8.03	6.44	294T
Cotton Bloom Brand 43% Protein Peanut Meal	43.00	6.00	12.00	23.00	-----	-----	1425K
Analysis	44.70	9.00	14.25	20.22	7.68	4.15	293T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²¹³Deficient in ground oyster shell and excess salt found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
General Feed Store							
Wichita Falls, Texas.							
Special 17% Protein Dairy Ration	17.00	2.60	18.50	43.00			2150C
Analysis ²¹⁴	16.91	3.76	15.82	47.91	9.01	6.59	160T
24% Protein Cow Feed	24.00	3.50	15.00	38.50			2150D
Analysis	24.58	4.39	13.38	39.98	9.89	7.78	538T
A-B-C Growing Mash	17.00	3.00	8.00	49.00			2150K
Analysis	17.96	4.42	7.43	51.87	9.37	8.95	537T
General Mills, Inc.,							
Minneapolis, Minnesota, and Divisions.							
Wheat Gray Shorts and Screenings	17.00	3.50	6.00	55.00			1747F
Analysis	17.10	4.06	6.24	57.36	10.83	4.41	54K
Analysis ^{215c}	17.30	4.51	6.64	55.39	11.62	4.54	78K
Analysis ^{216c}	17.00	3.59	7.32	57.01	10.01	5.07	142K
Analysis ^{216bc}	17.86	5.36	7.52	54.05	10.02	5.19	235K
Analysis	17.65	4.15	5.98	56.82	10.88	4.52	248K
Analysis ^a	17.58	3.95	5.95	56.64	11.73	4.15	516M
Analysis ^{216c}	17.72	4.16	7.22	55.39	10.35	5.16	385T
Analysis ²¹⁶	16.34	4.07	6.68	57.09	10.69	5.13	572T
Analysis ^a	17.92	3.75	5.13	59.23	10.42	3.55	621W
K M B Feed	11.50	2.50	5.00	64.00			1747C4
Analysis	12.40	3.03	3.26	67.08	11.75	2.48	19J
Georgetown Grain Company,							
Georgetown, Texas.							
Eggs-A-Plenty Brand Laying Mash	18.00	3.50	6.50	47.00			2049F
Analysis	18.42	4.72	7.33	51.61	9.91	8.01	298W
Milk-A-Plenty Brand 18% Protein Dairy Feed	18.00	3.50	10.00	50.00			2049K
Analysis	17.82	3.66	10.47	54.12	8.81	5.12	622W
Georgetown Oil Mill,							
Georgetown, Texas.							
28% Protein Whole-Pressed Cottonseed	28.00	5.00	23.00	29.00			116D
Analysis	28.70	5.14	25.65	23.85	6.93	4.73	180M
Analysis	28.60	5.09	23.46	30.15	7.89	4.81	237M
Analysis	28.90	4.48	23.73	31.65	6.58	4.66	69W
Analysis	28.40	5.05	25.10	29.85	7.15	4.45	174W
Analysis	29.50	5.08	24.35	30.54	6.03	4.50	179W
Analysis	27.73	5.11	23.77	32.56	6.12	4.71	294W
Analysis	29.20	4.52	24.89	30.16	6.45	4.78	296W
Analysis	28.50	4.72	24.60	31.88	5.57	4.73	435W
Popeye Mixed Feed	9.00	1.20	28.00	39.00			116J
Analysis ²¹⁷	10.80	2.56	21.01	48.03	10.13	7.47	295W
Georgetown Sweet Dairy Feed	18.20	3.80	15.00	43.00			116M
Analysis	17.32	3.82	14.82	48.10	10.47	5.47	83W
Analysis ²¹⁸	18.26	3.76	14.94	49.78	9.51	3.75	173W
28% Protein Ground Whole-Pressed Cottonseed, Limestone, and Salt	28.00	5.00	23.00	29.00			116R
Analysis ²¹⁹	27.99	4.65	25.66	31.41	5.52	4.77	34H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²¹⁴Deficient in ground oyster shell.²¹⁵Milo meal found in wheat brown shorts and screenings.²¹⁶Wheat brown shorts and screenings.²¹⁷Corn meal found, not claimed.²¹⁸Deficient in ground limestone and salt.²¹⁹28% protein ground whole-pressed cottonseed. Wrong tags attached.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Georgetown Oil Mill.							
Georgetown, Texas.—Cont'd.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			116Z
Analysis ^c	42.02	5.68	10.85	27.47	7.96	6.02	284W
Analysis ^e	40.00	5.82	10.93	28.54	8.36	6.35	433W
Biddy's Brand Hen Scratch	10.00	3.00	3.50	68.00			116B2
Analysis ^a	11.10	2.58	2.20	70.73	11.99	1.40	331W
Victory Cow Feed	13.20	3.30	34.40	34.00			116B3
Analysis ²¹⁸	14.20	4.95	28.50	39.50	8.08	4.77	562W
Gerald Company, The,							
Hamilton, Texas.							
Gerald's Mid-Tex Cow Feed	17.00	3.50	12.00	50.00			776A
Analysis	17.70	3.56	9.96	50.48	10.39	7.91	610W
Gerald's Mid-Tex Growing Mash	17.00	3.80	6.00	50.00			776C
Analysis	18.24	3.81	6.41	53.55	10.65	7.34	530W
Gerald's Mid-Tex Chick Starter	16.00	3.60	5.00	52.00			776D
Analysis	16.68	4.09	5.69	54.94	10.41	8.19	401W
Gerald's Mid-Tex Special Brand Egg Mash	20.00	3.50	8.00	43.00			776L
Analysis ²²⁰	21.00	4.71	7.60	47.57	10.40	8.72	150W
Gerald's Shur-Lay Brand Egg Mash	18.50	3.60	8.00	47.00			776Q
Analysis	19.90	3.92	9.25	48.51	11.28	7.14	63W
Analysis	20.22	3.83	9.01	49.56	10.10	7.28	407W
Gerdas Gins, V. B.,							
Hallettsville, Texas.							
Corn Chop	9.00	3.50	3.00	70.00			1437A
Analysis	9.00	4.05	2.16	71.84	11.63	1.32	281M
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00			1437B
Analysis	7.04	3.35	11.99	65.01	10.88	1.73	280M
Gilbreath Produce Company, M.,							
Weimar, Texas.							
MG Best Brand Laying Mash	18.00	3.50	7.00	49.50			1288C
Analysis	18.00	4.30	6.61	51.03	10.63	9.43	155M
MG Best Brand 21% Protein Dairy Feed	21.00	3.60	10.80	43.50			1288D
Analysis ²²¹	21.70	3.63	8.65	49.65	8.84	7.53	551M
MG Best Brand Hog Feed	14.00	3.30	4.80	59.00			1288E
Analysis ²²¹	15.85	4.06	3.20	60.39	11.77	4.73	550M
Gilmer Cotton Oil & Fertilizer Company,							
Gilmer, Texas.							
Longhorn Pride-of-Texas Brand Mixed Feed	11.80	1.70	38.00	36.00			1559A
Analysis ²²¹	7.95	1.37	42.58	35.00	10.23	2.87	112P
16% Protein Sweet Feed	16.00	2.20	27.50	37.50			1559B
Analysis ²²²	17.02	3.10	26.13	37.45	10.88	5.42	32J
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			1559D
Analysis	42.61	6.62	9.60	26.87	8.20	6.10	1P
41.12% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00			1559E
Analysis	41.87	6.64	9.53	27.21	8.89	5.86	108P

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²¹⁸Deficient in ground limestone and salt.²²⁰Deficient in ground limestone.²²¹Deficient in cottonseed meal containing 43% protein, and excess cottonseed hulls found.²²²Deficient in ground limestone.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Glidden Company, The, Soya Products Division, Chicago, Illinois.							
Glidden 4-Hi Brand 44% Protein Soybean Oil Meal.....	44.00	0.50	7.00	22.00	—	—	2190A
Analysis ^a	46.14	1.15	7.00	30.11	9.88	5.72	202H
Analysis ^{a223}	44.13	2.21	6.97	30.53	10.12	6.04	241H
Analysis.....	46.54	1.30	6.48	30.64	9.43	5.61	276M
Glidden Diamond G Brand 41% Protein Soybean Oil Meal.....	41.00	4.00	7.00	29.00	—	—	2190E
Analysis ^{a223}	40.81	1.35	11.23	29.91	11.23	5.47	368T
Globe Mills, Inc., (Flour and Grain Department), El Paso, Texas.							
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00	—	—	1123G
Analysis ²²⁴	15.50	3.01	2.51	64.39	12.46	2.13	485S
Globe Dairy Feed.....	17.00	3.30	9.00	47.50	—	—	1123Q
Analysis.....	19.40	4.02	5.84	52.66	8.87	9.21	16S
Peerless Brand Laying Mash.....	18.00	3.50	7.00	49.00	—	—	1123T
Analysis.....	19.51	4.88	5.60	52.57	7.31	10.13	596S
Peerless Brand Dairy Feed.....	15.00	3.00	8.00	49.00	—	—	1123Z
Analysis.....	17.45	4.00	5.74	56.00	8.45	8.36	597S
Fico Chick Starter.....	17.00	3.50	5.50	51.00	—	—	1123A3
Analysis ¹	18.78	6.55	3.74	54.03	8.13	8.77	407S
Analysis ²²⁵	18.83	5.50	4.63	55.25	8.45	7.34	549S
Fico Growing Mash.....	15.20	3.50	7.00	52.00	—	—	1123A4
Analysis ²²⁶	16.64	5.64	6.85	55.26	8.35	7.26	408S
Globe Broiler Mash.....	20.00	3.60	5.60	48.00	—	—	1123A6
Analysis ²²⁷	20.70	4.08	5.27	52.06	9.68	8.21	84S
Globe Growing Mash.....	16.00	3.50	7.00	51.00	—	—	1123A7
Analysis.....	18.97	4.46	4.84	56.08	8.77	6.88	550S
Globe Laying Mash.....	18.50	3.50	6.50	47.50	—	—	1123A8
Analysis.....	17.96	4.20	4.59	54.48	10.75	8.02	289S
Globe Starting Mash.....	17.00	3.60	6.50	50.00	—	—	1123A9
Analysis.....	20.64	4.35	4.80	53.10	9.83	7.28	484S
Globe 40% Protein Supplement for Hogs.....	40.00	4.50	7.50	17.00	—	—	1123C2
Analysis ²²⁸	42.90	4.52	5.17	22.75	7.29	17.37	164S
Globe 27% Protein Growing Mash Supplement.....	27.00	4.00	8.00	22.00	—	—	1123C3
Analysis ²²⁹	29.78	4.81	5.83	35.62	8.07	15.89	15S
Globe Turkey Finishing Mash.....	14.80	3.60	5.50	58.20	—	—	1123C6
Analysis.....	17.20	5.57	3.97	57.35	10.40	5.51	83S
Globe 34% Protein Supplement for Dairy Cows.....	34.00	4.60	9.50	31.00	—	—	1123C9
Analysis ²²⁹	36.66	5.43	7.46	33.87	8.10	8.48	290S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²²³Used in compounding mixed feed.²²⁴Wheat white shorts.²²⁵Deficient in ground limestone. Molasses found, not claimed.²²⁶Deficient in ground oyster shell. Milo meal found not claimed.²²⁷Excess of salt found.²²⁸Deficient in ground limestone and excess of salt found.²²⁹Deficient in ground limestone.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Goerz Flour Mills Company, The, Newton, Kansas.							
American Ace Wheat Gray Shorts and Screenings	16.00	3.50	6.00	55.00			939D
Analysis ^a _{k230}	15.90	3.56	5.85	58.73	11.79	4.17	433M
Analysis ^k	15.75	3.69	5.52	58.96	11.74	4.34	102T
Analysis ^k	17.10	3.97	6.12	57.34	11.02	4.45	474T
Golden Oak Milling Company, De Leon, Texas.							
Golden Oak Growing Mash	16.00	3.50	7.00	54.00			25C
Analysis	18.50	3.84	5.72	54.18	10.44	7.32	603W
Ground Peanut Hay	10.00	3.50	24.00	44.00			25G
Analysis	7.53	3.65	36.17	33.75	10.12	8.78	562S
Analysis	8.18	4.70	31.22	32.78	10.60	12.52	151T
Golden Oak Chick Starter	16.00	3.80	5.00	55.00			25I
Analysis	17.80	4.57	4.88	56.07	10.79	5.89	382T
Analysis	18.31	4.39	4.27	55.21	11.22	6.60	516W
Golden Oak Mixed Feed	15.50	3.10	26.00	37.80			25J
Analysis	14.89	3.15	25.97	37.16	9.68	9.15	585T
Caraway's Special Egg Mash	19.00	3.70	8.00	47.00			25P
Analysis ²³¹	19.00	4.53	7.26	50.60	10.34	8.27	152T
Analysis	19.68	4.07	7.60	50.87	10.35	7.43	244W
Golden Oak 9% Protein Sweet Feed	9.00	2.00	25.00	41.50			25A3
Analysis ^a	10.79	2.48	25.35	42.78	11.51	7.09	439S
Analysis	10.90	2.30	20.90	44.15	11.33	10.42	617W
Golden Oak Turkey Starter	19.00	3.70	6.00	52.00			25A8
Analysis	21.25	4.52	4.78	52.37	10.68	6.40	531W
Golden Oak Breeder Mash	20.00	3.80	7.50	49.00			25B2
Analysis ²³²	20.76	4.52	8.25	48.06	10.54	7.87	55W
Golden Triangle Lumber Company, South Houston, Texas.							
So-Ho Dairy Cow Feed	18.80	3.00	14.00	42.00			386A
Analysis	20.90	3.95	10.26	45.94	11.17	7.78	229M
So-Ho Hen Scratch	10.20	3.00	3.00	70.00			386B
Analysis	11.96	2.73	3.00	69.91	10.75	1.65	230M
Gonzales Cotton Oil & Manufacturing Company, Gonzales, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			388F
Analysis	42.57	6.92	9.82	27.17	7.49	6.03	5H
Analysis ^a	42.29	6.93	10.18	27.40	7.53	5.67	48M
43% Protein Cottonseed Cake	43.00	6.00	12.00	23.00			388G
Analysis	43.54	6.12	10.10	27.08	7.32	5.84	221H
Gonzalez, A. C., El Paso, Texas.							
Wheat Gray Shorts	17.00	4.00	6.00	55.00			1044E
Analysis ^b ₂₃₃	18.50	5.19	7.38	54.52	9.66	4.75	89S
Analysis	17.12	4.18	6.00	56.40	11.58	4.72	291S
Analysis ^a ₂₃₄	17.66	5.75	8.03	55.25	8.31	5.00	556S
Ground Oat Groats							
Analysis ^a ₂₃₅	18.19	9.19	2.50	60.89	6.36	2.87	604S

^a, ^b, ^c, ^d, ^e, ^f, ^g, ^h, ⁱ, ^j, ^k.—See legend at the beginning of this table.²³⁰Used in compounding mixed feed.²³¹Excess of ground oyster shell.²³²Deficient in ground limestone.²³³Wheat brown shorts.²³⁴Wheat mixed feed.²³⁵Used in compounding mixed feed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Goodpasture Grain Company, Grady, Brownfield, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00	—	—	779E
Analysis	7.75	2.92	10.47	63.51	9.42	5.93	431T
Goodpasture Laying Mash	20.00	3.50	6.00	46.00	—	—	779J
Analysis ²³⁸	19.52	3.89	5.80	53.16	8.32	9.31	272S
Goodpasture 16% Protein Dairy Feed	16.00	3.00	12.80	49.50	—	—	779Y
Analysis ²⁴⁰	16.80	3.47	11.16	53.66	8.48	6.43	289K
Gossett Feed and Produce, Taylor, Texas.							
Chowmix All-Mash Laying Ration B	15.00	3.50	8.00	48.00	—	—	352N
Analysis ^a	17.25	3.92	4.57	57.42	11.03	5.81	329W
Taylor-Made Brand All-Mash Chick Starter	17.00	3.50	6.00	54.00	—	—	352Q
Analysis	17.53	4.02	4.75	56.37	10.14	7.19	561W
Taylor-Made Competitive Brand 18% Protein Egg Mash	18.00	3.50	7.00	50.00	—	—	352S
Analysis ^a	18.58	4.20	4.66	55.03	10.78	6.75	328W
Graham Mill & Elevator Company, Graham, Texas.							
Hominy Feed	10.00	6.00	7.00	60.00	—	—	664E
Analysis	10.50	7.14	6.52	62.52	10.79	2.53	378T
Supreme Brand Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00	—	—	664G
Analysis ²³⁷	18.33	4.25	6.07	53.65	12.75	4.95	172P
Analysis	17.32	4.59	5.87	55.44	12.43	4.35	154T
Analysis	18.98	4.70	5.78	54.79	11.30	4.45	274T
Analysis	17.90	4.43	5.84	55.05	12.58	4.20	113W
Supreme Brand 24% Protein Dairy Feed	24.00	3.70	11.50	41.00	—	—	664A3
Analysis	23.71	3.84	10.75	41.64	11.27	8.79	439M
Texas King Brand Dairy Feed	18.00	3.20	13.00	45.50	—	—	664A4
Analysis	19.86	3.63	9.50	47.39	11.95	7.67	438M
Texas King Brand 5 Egg Mash	19.00	3.50	7.50	46.00	—	—	664A6
Analysis ²³⁸	19.65	3.95	6.94	50.97	9.28	9.21	97P
Texas King Brand 5 Egg Mash Pellets	19.00	3.50	7.50	46.00	—	—	664A7
Analysis	19.50	4.03	6.33	50.58	10.33	9.23	98P
Grameco Egg Mash	19.00	4.00	8.00	48.00	—	—	664C6
Analysis	18.39	4.16	8.32	51.11	10.50	7.52	96P
Grapevine Milling Company, Grapevine, Texas.							
Ground Whole Oats and Oat Hulls	8.50	3.00	18.00	55.50	—	—	1662A2
Analysis	9.45	3.93	16.31	55.07	9.71	5.53	366T
B & D Brand Chick Starter with Cod Liver Oil	18.00	4.00	6.50	51.50	—	—	166B5
Analysis ²³⁹	19.00	3.64	5.25	53.92	10.35	7.84	553T
B & D Brand Five-Point Egg Mash	19.00	3.60	8.00	47.50	—	—	1662B7
Analysis ²⁴⁰	18.87	2.90	7.16	53.74	10.56	6.77	220T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²³⁶Excess of ground limestone found.²³⁷Corn meal present.²³⁸Deficient in ground oyster shell.²³⁹Soybean oil meal and milo meal found, not claimed.²⁴⁰Soybean oil meal found, not claimed. Excess of ground oyster shell found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Gray County Feed Company, Pampa, Texas.							
Grayco Growing Mash	16.00	3.50	6.00	51.00	—	—	2671N
Analysis	18.20	3.55	6.45	52.92	10.75	8.13	111K
Grayco All-Mash Starter	16.00	3.50	6.00	50.00	—	—	2671O
Analysis	18.69	3.76	6.20	53.31	10.55	7.49	362S
Gray's Feed Store, Cleburne, Texas.							
Ground Whole Oats	11.00	4.00	12.00	58.00	—	—	468A
Analysis	10.46	5.14	12.04	57.35	10.58	4.43	374W
Top-Quality Brand Laying Mash	18.00	3.50	6.00	46.50	—	—	468F
Analysis ²⁴¹	17.69	4.25	7.86	52.61	10.68	6.91	134W
Top-Quality Brand 18% Protein Dairy Ration	18.00	3.20	16.50	41.00	—	—	468G
Analysis ²⁴¹	20.84	3.63	13.59	40.55	9.29	12.10	40W
Top-Quality Brand Growing Mash	16.00	3.50	6.00	50.00	—	—	468H
Analysis ²⁴⁰	16.80	3.64	9.07	48.79	10.29	11.41	600W
Top-Quality Brand All-Mash Chick Starter	17.00	3.50	6.00	52.00	—	—	468K
Analysis ²⁴¹	18.65	3.30	4.86	55.57	11.07	6.55	502W
Great Atlantic & Pacific Tea Company, The, New York, New York. "Made-in-the-South" Talco							
Starting Mash	17.00	3.80	6.00	53.00	—	—	987F
Analysis	19.76	4.16	4.57	55.07	9.44	7.00	581W
Green Milling & Grain Company, C. L., Winters, Texas.							
Silver Bell Dairy Feed	18.00	3.50	10.00	48.50	—	—	2331P
Analysis	18.15	4.10	8.35	52.65	10.58	6.17	574S
C. L. Green's Chick Starter	17.00	3.50	5.50	53.00	—	—	2331R
Analysis	17.60	4.05	4.65	55.07	11.13	7.50	519S
C. L. Green's Egg Mash	18.00	3.50	6.50	47.00	—	—	2331S
Analysis ²⁴⁰	20.80	5.08	4.53	48.04	10.44	11.11	47S
C. L. Green's Egg Mash	20.30	3.50	6.00	45.00	—	—	2331S
Analysis ²⁴²	20.79	4.78	5.56	48.51	8.87	11.49	614S
C. L. Green's Growing Mash	17.00	3.50	6.00	52.50	—	—	2331T
Analysis	16.62	4.22	5.40	55.39	11.31	7.06	520S
Greenville Cotton Oil Company, Greenville, Texas.							
Red Rooster Brand 43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	—	—	260A
Analysis	43.59	5.54	9.93	27.80	7.02	6.12	31P
Analysis	43.41	5.83	10.14	27.41	7.07	6.14	33P
Analysis	42.53	5.78	9.98	28.68	6.88	6.15	121P
Analysis ²⁴⁰	42.14	5.57	10.37	28.00	8.01	5.91	28T
Griffin Hatchery, Santa Anna, Texas.							
San-Tex Special Egg Mash	18.00	3.50	7.00	51.00	—	—	2163G
Analysis	18.76	4.21	6.21	53.44	10.56	6.82	50S
San-Tex Best Brand Growing Mash	17.00	3.50	6.50	52.00	—	—	2163H
Analysis	17.20	4.08	7.28	53.19	10.60	7.65	569S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁴¹Deficient in ground oyster shell.²⁴²Cane molasses claimed, not found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1911, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Grimsell Seed Company, Frank, Harlingen, Texas.							
Grimsell Egg Mash	19.00	3.60	7.00	46.00			2199B
Analysis	17.51	4.73	5.7	53.00	10.67	8.32	243H
Analysis	17.85	5.39	6.45	51.80	10.68	7.83	385H
Grimsell 22% Protein Dairy Ration	22.00	4.50	17.50	39.50			2199D
Analysis	23.25	3.98	15.19	40.74	9.95	6.89	162H
Analysis	22.68	4.04	15.40	42.71	9.30	5.87	386H
Gross Feed Store, Bonham, Texas.							
Economy Brand Dairy Feed	18.50	3.80	12.00	48.00			1573F
Analysis	19.92	4.34	9.38	50.24	10.12	6.00	466T
Growers Feed Store, Borger, Texas.							
Ground Whole Oats	11.00	4.00	12.00	58.00			2430C
Analysis ^a	12.00	4.56	10.49	59.28	9.78	3.89	272K
Gulf Coast Rice Mills, Houston, Texas.							
Rice Polishings containing Limestone	11.00	6.00	4.00	55.00			2457A
Analysis	13.06	13.52	3.11	50.52	10.61	9.18	305M
Rice Bran containing Precipitated Carbonate of Lime	11.00	10.00	15.00	42.00			2457B
Analysis ^a	10.46	10.63	14.90	39.31	10.94	13.76	151M
Rice Bran containing Limestone	11.00	10.00	15.00	42.00			2457B
Analysis ^a	12.33	8.34	12.67	43.44	9.53	13.69	509M
Gutierrez & Company, Teodosio, Laredo, Texas.							
25% Protein Whole-Pressed Cottonseed	25.00	6.00	25.00	29.00			1331A
Analysis	25.78	6.41	26.50	29.74	6.98	4.59	49H
Analysis	26.27	6.59	26.83	30.52	5.24	4.55	117H
Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00			1331E
Analysis ^{243b,c}	16.91	4.51	6.47	57.58	10.91	3.62	311H
Analysis ^{243b,c}	17.90	4.54	7.72	54.23	10.96	4.65	369H
Analysis ^{243e}	18.99	4.05	7.79	53.31	10.53	5.33	376H
Analysis ^{243e}	18.02	4.86	7.57	53.97	10.41	5.17	437H
Wheat Brown Shorts and Screenings	17.00	4.50	7.50	53.00			1331F
Analysis ^{244e}	18.80	4.60	8.34	46.25	16.61	5.40	380H
Gwynn-Render Grain Company, Panhandle, Texas.							
Whole Barley Chop	11.00	1.50	6.00	65.00			64C
Analysis	14.05	1.65	5.40	65.08	11.33	2.49	104K
Hale Center Feed & Seed Company, Hale Center, Texas.							
Panhandle Growing Mash	16.00	3.50	6.00	51.50			297I
Analysis ²⁴⁵	21.14	3.73	5.87	52.72	9.90	6.64	467S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.²⁴³Wheat brown shorts and screenings.²⁴⁴Wheat mixed feed.²⁴⁵Deficient in ground oyster shell.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Hale Center Feed & Seed Company, Hale Center, Texas.—Cont'd.							
Panhandle Pride Brand Egg Mash	21.00	3.60	5.00	45.00			297J
Analysis	20.71	3.56	6.11	52.18	10.17	7.27	224K
Hamilton Mill & Elevator Company, Hamilton, Texas.							
Hamco Growing Mash	18.00	4.00	7.50	48.00			62D
Analysis	19.08	3.20	4.88	54.40	10.93	7.51	535W
Hamco Dairy Feed	20.00	3.50	11.50	45.00			62N
Analysis ²⁴⁶	11.99	2.10	13.29	43.93	11.60	12.09	596W
Hamco Baby Chick Starter	20.00	4.00	7.00	45.00			62Z
Analysis	22.00	4.60	6.06	47.81	9.70	9.83	332W
Analysis	22.30	3.67	4.95	49.47	10.24	9.37	563W
Hamco Economy Brand Egg Mash	19.00	3.60	8.00	44.50			62A2
Analysis	20.10	3.85	7.60	49.77	9.80	8.88	47W
Analysis	20.08	4.06	7.81	48.92	10.05	9.08	238W
Wheat Brown Shorts	17.50	4.50	7.50	53.00			62A4
Analysis ²⁴⁷	16.83	3.78	8.10	55.06	10.63	5.60	384W
Hamco Bulky Feed	9.00	2.00	16.00	50.00			62A9
Analysis ^a	10.96	2.13	11.96	53.27	12.79	8.89	84W
Circle "W" Baby Chick Starter	17.00	3.50	6.00	50.00			62B3
Analysis	18.00	4.09	5.12	55.81	10.99	5.99	403W
Circle "W" Growing Mash	16.00	3.50	8.00	51.50			62B9
Analysis	17.45	3.60	7.71	54.08	10.28	6.88	436W
Circle "W" 32% Protein Supplement for Poultry	32.00	4.00	6.00	25.50			62C5
Analysis	32.38	3.00	8.08	29.06	7.97	19.51	149W
Analysis ²⁴⁸	31.80	2.70	6.83	31.82	7.82	19.03	511W
Analysis	31.53	4.03	6.14	29.27	8.85	20.18	609W
Hamco Economy Brand Egg Mash Pellets	19.00	3.60	8.00	44.50			62D8
Analysis ²⁴⁹	22.10	4.80	8.40	46.43	9.84	8.43	527W
Hamilton Oil Mill Company, Hamilton, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			98A
Analysis ^{249a}	39.83	5.78	11.14	25.72	7.59	9.94	144W
Analysis ^{249b}	40.95	6.93	10.01	26.42	7.14	8.55	146W
43% Protein Cottonseed Cake containing Precipitated Calcium Carbonate	40.80	5.70	11.40	22.80			98H
Analysis ^{250a}	45.10	6.63	9.10	25.12	8.36	5.69	58W
Cottonseed Cake and Limestone	40.80	5.70	11.40	22.80			98H
Analysis ¹²⁵⁰	42.66	6.28	9.21	24.37	7.96	9.52	248W
43% Protein Cottonseed Meal containing Precipitated Calcium Carbonate	40.80	5.70	11.40	22.80			98I
Analysis ^{250a}	41.33	6.96	11.05	25.86	6.83	7.97	148W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁴⁰Deficient in cottonseed meal. Peanut hulls, milo head stems, ground whole barley and ground whole oats found, not claimed.²⁴⁷Wheat mixed feed.²⁴⁸Ground whole oats claimed, not found.²⁴⁹Carbonate of lime present. Wrong tags attached.²⁵⁰Deficient in ground limestone.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1911 to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Hamilton Oil Mill Company, Hamilton, Texas.—Cont'd.							
Cottonseed Meal and Limestone	40.80	5.70	11.40	22.80	—	—	98I
Analysis ²⁵⁰	40.70	6.24	10.67	24.77	8.04	9.58	247W
Analysis ²⁵⁰	42.39	6.33	8.65	25.51	7.16	9.96	524W
43% Protein Peanut Meal	43.00	6.00	12.00	23.00	—	—	98K
Analysis ^{251a}	41.27	7.75	15.91	21.90	7.94	5.23	589T
Analysis	43.93	7.16	14.68	20.84	8.79	4.60	402W
Hamlin Hatchery, Hamlin, Texas.							
H & H Chick Starter	17.00	3.50	5.50	50.00	—	—	71B
Analysis	20.32	4.25	4.80	52.35	10.00	8.28	540S
Hardeman-King Company, Amarillo, Texas.							
Merit Brand Growing Mash	18.00	3.50	8.00	51.00	—	—	847H
Analysis ²⁵²	18.70	3.09	7.35	53.11	10.38	7.37	84K
Merit Brand Egg Mash	18.00	3.50	6.00	52.00	—	—	847J
Analysis ²⁵²	18.68	3.26	4.98	55.32	10.41	7.35	4K
Merit Brand 45% Protein Supplement for Pigs and Hogs	45.00	6.00	4.00	15.00	—	—	847A6
Analysis ^{253a}	44.40	7.90	4.56	12.66	6.52	23.96	143K
Merit Brand 36% Protein Supplement for Pigs and Hogs	36.00	4.50	11.00	21.00	—	—	847A6
Analysis ²⁵⁴	38.06	6.04	8.48	24.28	7.81	15.33	297K
Merit Brand 35% Protein Poultry Mash Concentrate	35.00	4.30	7.00	17.50	—	—	847C2
Analysis ²⁵⁵	36.25	5.26	6.55	20.90	6.26	24.78	181K
Merit Brand Milk-Maker Dairy Feed	21.00	3.20	10.00	46.30	—	—	847C4
Analysis ²⁵⁶	21.05	3.63	10.24	47.96	9.22	7.90	109K
Merit Brand All-Mash Starter	18.00	3.50	7.00	51.00	—	—	847C5
Analysis ²⁵⁴	19.01	3.71	6.94	53.30	10.03	7.01	354S
Merit Brand Egg Mash Pellets	18.00	3.50	6.00	52.00	—	—	847D2
Analysis ²⁵⁶	19.25	3.52	5.09	54.07	11.24	6.83	132S
Square-Meal Brand Cow Feed	9.00	1.50	16.00	51.00	—	—	847D4
Analysis ²⁵⁵	12.81	2.18	7.57	52.80	12.45	12.19	25K
Square-Meal Brand Egg Mash	18.00	3.50	8.00	48.50	—	—	847D6
Analysis ²⁵⁷	19.94	3.50	7.97	49.03	11.10	8.46	241K
Merit Brand 16.50% Protein Sweet Feed Cubes	16.50	3.00	5.00	55.00	—	—	847F9
Analysis	17.35	3.37	3.40	58.42	11.38	6.08	236S
Analysis ²⁵⁷	17.00	3.43	4.13	58.22	12.00	5.22	379S
Hardin. W. R., San Angelo, Texas.							
Mixed Feed	16.00	3.20	10.00	51.00	—	—	235A
Analysis	17.94	3.89	8.27	54.30	9.26	6.34	610S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁵⁰Deficient in ground limestone.²⁵¹Cottonseed meal present. Short in weight. Each sack even-weighted to 100 lbs. net and sale resumed.²⁵²Ground whole barley and ground whole oats found, not claimed.²⁵³Wheat bran found, not claimed.²⁵⁴Excess of salt found.²⁵⁵Deficient in ground oyster shell.²⁵⁶Cottonseed meal and ground whole barley found, not claimed.²⁵⁷Deficient in ground limestone.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Hargrove Brothers, Pittsburg, Texas, and Branches.							
Texas Special Sweet Stock							
Feed	9.00	1.60	36.00	40.00			1258E
Analysis	8.86	1.03	33.12	37.99	13.53	6.07	5P
Texas Special Horse and Mule							
Feed	10.00	2.50	9.00	50.00			1258F
Analysis	9.81	1.17	7.63	57.97	14.77	8.65	6P
Harlingen Cotton Oil Mill, Harlingen, Texas.							
Cotton Bloom Brand 43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			772B
Analysis ^b	41.65	6.07	9.77	28.58	7.44	6.49	21H
Analysis	42.65	5.97	9.82	27.55	7.53	6.48	25H
Analysis	43.56	6.54	9.22	26.67	7.59	6.42	91H
Analysis ^c	42.10	6.08	10.79	27.83	6.98	6.22	250H
Analysis ^c	42.42	6.02	10.43	26.86	8.00	6.27	319H
Analysis	43.98	6.03	9.58	25.47	8.40	6.54	1J
Analysis ^c	40.70	6.20	11.05	26.93	9.23	5.89	499T
Panther Brand Mixed Feed	11.70	1.70	36.50	35.00			772F
Analysis	12.60	2.24	32.66	37.72	8.17	6.61	98H
43% Protein Cottonseed Pellets	43.00	6.00	12.00	23.00			772G
Analysis ^c	41.70	6.14	9.93	27.35	8.79	6.09	263H
Cotton Bloom Brand 18% Protein Mixed Feed	18.00	2.60	21.70	35.70			772H
Analysis ^k	17.27	2.70	23.32	42.55	7.69	6.46	22H
Cotton Bloom Brand Chick Starter	19.00	4.00	5.50	52.00			772I
Analysis	19.07	4.67	5.94	52.02	11.40	6.90	388H
Consumers Special Egg Mash Pellets	19.00	4.00	7.50	46.00			772A4
Analysis ²⁵⁸	20.24	5.81	6.55	49.39	9.06	8.95	453H
Harris Feed & Chick Store, Port Worth, Texas.							
Harris's Big H Brand Egg Mash	20.00	4.00	7.50	45.00			962B
Analysis	21.38	5.04	5.88	47.16	10.80	9.74	507T
Hart & Hughston Feed Company, Houston, Texas.							
Farmers Pride Brand 18% Protein Dairy Feed	18.00	4.00	14.00	43.00			971B
Analysis ²⁵⁹	16.26	3.45	11.75	47.53	10.49	10.52	358M
Harvest Queen Mill & Elevator Company, Plainview, Texas.							
Wheat Gray Shorts and Screenings	16.00	4.00	6.00	55.00			755F
Analysis	17.78	3.99	6.18	55.20	12.43	4.42	65K
Analysis ²⁶⁰	18.03	4.21	6.69	56.46	10.03	4.58	174K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁵⁸Deficient in ground oyster shell.²⁵⁹Steamed bone meal claimed, not found. Dried citrus pulp found, not claimed.²⁶⁰Wheat brown shorts and screenings.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Harwell Feed Company, Terrell, Texas.							
Harwell's Special Laying Mash	19.00	3.50	8.00	44.00			1320A
Analysis ²⁶¹	20.14	4.39	6.94	45.79	9.45	13.29	35P
Harwell's All-Mash Starter Ration	15.00	3.50	5.00	54.50			1320B
Analysis	15.90	4.42	3.65	57.67	10.81	7.55	468T
Harwell's Growing Mash	17.00	3.50	5.50	53.00			1320D
Analysis	18.00	4.25	3.90	53.37	11.78	8.70	469T
Haskell Elevator Company, Haskell, Texas.							
Just-Right Brand Laying Mash	18.00	3.50	7.00	50.00			2468M
Analysis	19.78	4.74	5.78	50.61	11.36	7.73	66S
Just-Right Brand Growing Mash	16.00	3.50	7.00	53.00			2468N
Analysis	17.21	3.58	4.56	57.73	9.88	7.04	579S
Just-Right Brand Chick Starter	17.00	3.50	6.00	54.00			2468O
Analysis	17.40	3.79	4.23	57.65	10.13	6.80	532S
Hawkins Hatchery, Waco, Texas.							
Hawkins Start-to-Finish Poultry Mash	16.00	3.60	8.00	53.00			1270A
Analysis ^{a,b}	19.17	3.98	4.79	54.36	11.40	6.30	546W
Hayter, Sam B., Nacogdoches, Texas.							
Ground Whole Barley	11.00	1.50	6.00	65.00			1384C
Analysis	13.57	1.63	5.03	65.82	11.19	2.76	382M
Held Bros., El Paso, Texas.							
Laying Mash	18.00	4.00	8.00	46.00			2446M
Analysis ²⁶²	19.44	5.49	8.39	49.49	8.29	8.90	22S
H. B. Dairy Feed	15.00	4.00	10.00	54.00			2446P
Analysis ²⁶³	15.47	4.01	5.67	62.08	7.16	5.61	603S
Wheat Brown Shorts and Screenings	17.50	4.50	7.50	53.00			2446R
Analysis	17.85	4.95	7.43	55.18	10.13	4.46	92S
H. B. Growing Mash	15.00	3.50	7.00	54.00			2446W
Analysis	16.43	5.42	5.84	57.92	7.86	6.53	639S
30% Protein Linseed Meal	30.00	4.50	9.50	35.00			2446X
Analysis	35.41	7.20	9.22	36.59	5.65	5.93	416S
H. B. Chick Starter Mash	18.00	3.80	7.00	51.00			2446Y
Analysis	20.38	6.84	6.17	51.44	8.64	6.53	169S
Milky-Way Dairy Cow Feed	16.00	3.30	11.50	48.50			2446A6
Analysis ²⁶⁴	16.08	3.61	9.94	56.90	6.39	7.08	602S
Hempstead Implement & Feed Company, Hempstead, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00			1504C
Analysis	7.70	3.00	11.74	62.67	13.18	1.71	214M
Milk-Producer Brand 18% Protein Dairy Feed	18.00	3.50	11.00	48.00			1504H
Analysis ²⁶⁵	16.94	3.19	10.67	49.43	11.59	8.18	123M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁶¹Excess of salt found.²⁶²Deficient in salt and excess of ground oyster shell found.²⁶³Dried beet pulp claimed, not found.²⁶⁴Deficient in cane molasses.²⁶⁵Alfalfa leaf meal found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Henderson Grain Company, Abilene, Texas.							
H. P. H. Supreme Brand Laying Mash	19.50	3.60	6.20	46.00	—	—	350J
Analysis	22.16	3.51	5.57	48.02	9.47	11.27	4S
Analysis	21.49	3.26	5.33	49.30	10.05	10.57	244T
Hendrick Grain Company, Houston, Texas.							
Double-Good Brand Dairy Feed	18.50	4.50	15.00	37.00	—	—	547A
Analysis ²⁶⁶	20.79	5.77	14.31	40.03	10.00	9.10	160M
Double-Good Brand Scratch Grains	10.50	3.00	3.00	70.00	—	—	547B
Analysis ²⁶⁷	11.50	2.70	2.18	70.32	11.57	1.73	411M
Chowmix Dry and Freshening Feed	9.50	2.50	15.00	48.00	—	—	547D
Analysis ²⁶⁸	10.08	3.23	10.15	56.86	10.37	9.31	161M
Chowmix 18% Protein Dairy Feed D	18.00	3.50	15.00	42.00	—	—	547E
Analysis ²⁶⁸	17.65	5.20	12.98	43.10	10.28	10.79	357M
Hendricks' Feed Mill, Grand Prairie, Texas.							
HHH Mixed Cow Feed	13.70	2.50	14.00	49.60	—	—	1637L
Analysis	14.10	3.37	13.16	49.12	11.28	8.97	201T
Henry Brothers, Nixon, Texas.							
Henry Bros. Special Broiler Mash	16.50	3.50	6.40	52.50	—	—	1139A
Analysis	18.46	4.10	4.98	53.58	11.18	7.70	424H
Henry Feed Store, Houston, Texas.							
Henry's Mix Dairy Feed	21.00	3.60	15.50	40.00	—	—	2581A
Analysis	22.89	4.59	11.46	43.39	10.94	6.73	98M
Herring Mill & Elevator Company, Raymondville, Texas.							
Triple XXX Brand Growing Mash	16.00	3.50	7.60	53.00	—	—	219C
Analysis	17.91	4.72	5.70	54.51	9.71	7.45	384H
Triple XXX Brand All-Mash Chick Starter	17.00	3.50	5.50	52.50	—	—	219D
Analysis ²⁶⁹	18.90	4.60	4.50	54.43	9.34	8.23	383H
Herring Milling & Feed Company, Robstown, Texas.							
Four X Brand Laying Mash	20.00	3.50	6.00	46.00	—	—	2642D
Analysis	20.85	5.05	5.63	48.37	10.86	9.24	157H
Four X Brand Growing Mash	16.00	3.50	7.60	53.00	—	—	2641E
Analysis ²⁷⁰	17.85	3.75	5.59	53.92	11.73	7.16	158H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁶⁶Deficient in calcium carbonate.²⁶⁷Cracked rice claimed, not found.²⁶⁸Excess of ground limestone and salt found.²⁶⁹Excess of ground oyster shell found.²⁷⁰Deficient in ground oyster shell.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Hicks Brokerage & Warehouse Company, C. M., Enid, Oklahoma.							
Dried Buttermilk (Feeding)-----	32.00	5.00	1.00	35.00	-----	-----	2069A
Analysis -----	32.22	8.54	.27	37.10	9.65	12.22	29T
High Grade Packing Company Abattoir, Galveston, Texas.							
Oleander Brand 50% Protein Meat and Bone Scraps-----	50.00	6.00	3.00	0.00	-----	-----	399B
Analysis -----	51.65	7.21	1.16	.07	6.42	33.49	192M
Analysis -----	49.10	6.43	1.93	.01	5.64	36.89	283M
Highway Feed Store, Houston, Texas.							
Henry's Special Dairy Feed-----	19.00	4.50	9.00	47.00	-----	-----	1114A
Analysis ²⁷¹ -----	20.00	4.77	10.92	45.75	10.75	7.81	35M
Henry's Best Growing Mash-----	16.00	3.50	7.60	53.00	-----	-----	1114E
Analysis ²⁷² -----	18.38	5.48	5.59	53.65	9.71	7.19	36M
Hill County Cotton Oil Company, Hillsboro, Texas.							
43% Protein Pea-Size Cottonseed Cake-----	43.00	6.00	12.00	23.00	-----	-----	292A
Analysis ²⁷³ -----	41.77	6.18	10.52	26.89	8.71	5.93	249W
43% Protein Cottonseed Cake-----	43.00	6.00	12.00	23.00	-----	-----	292J
Analysis -----	43.48	6.74	9.11	26.76	7.69	6.22	135W
43% Protein Cottonseed Meal-----	43.00	6.00	12.00	23.00	-----	-----	292K
Analysis -----	43.73	7.50	8.95	26.83	6.80	6.19	31W
Analysis -----	43.27	7.17	8.85	26.51	7.99	6.21	36W
Analysis -----	44.17	7.69	8.01	26.13	7.78	6.22	38W
Analysis -----	44.39	6.91	8.77	25.79	7.88	6.26	130W
Analysis -----	43.20	7.39	9.56	26.14	7.58	6.13	133W
Analysis -----	44.06	6.48	8.96	26.23	7.97	6.30	224W
Analysis -----	43.17	6.83	9.85	25.60	8.16	6.39	225W
Analysis -----	43.20	6.30	10.73	24.71	8.70	6.36	383W
Hobart Flour & Feed Company, Hobart, Oklahoma.							
Ground Whole Barley-----	11.00	1.50	6.00	65.00	-----	-----	1448B
Analysis ²⁷³ -----	12.75	2.20	5.76	65.35	10.49	3.45	168K
Ground Whole Oats-----	11.00	4.00	12.00	58.00	-----	-----	1448C
Analysis ²⁷³ -----	11.49	4.42	8.42	61.25	10.66	3.76	167K
Hollingsworth Feed Mill, Gatesville, Texas.							
Gateco Dairy Feed-----	17.50	3.30	15.00	45.80	-----	-----	1969C
Analysis ²⁷⁴ -----	16.98	3.70	12.53	50.95	9.43	6.41	301W
Home Mix Feed Company, Inc., Austin, Texas.							
Our-Own Brand Laying Mash-----	19.00	3.50	6.00	46.50	-----	-----	2652A
Analysis -----	21.17	5.76	5.70	48.27	10.18	8.92	360H
Analysis ²⁷⁴ -----	19.98	5.46	6.11	50.19	10.05	8.21	430H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁷¹Deficient in ground limestone and excess of salt found.²⁷²Deficient in ground oyster shell.²⁷³Kafir meal and milo meal present.²⁷⁴Deficient in ground oyster shell. Soybean oil meal and molasses found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Home Mix Feed Company, Inc., Austin, Texas—Continued.							
Home Mix Brand Special Egg Mash	19.00	3.80	7.50	46.50			2652C
Analysis	20.96	4.48	7.77	49.06	8.57	9.16	490H
Contest Brand All-Mash Starting Ration	17.00	3.50	5.80	51.30			2652L
Analysis	19.20	5.28	4.98	53.06	9.94	7.54	361H
H-M Growing Mash	17.00	3.80	6.00	51.00			2652Q
Analysis	18.97	4.69	6.10	51.84	10.04	8.36	359H
Next Best Brand Dairy Feed	15.50	3.80	11.00	50.00			2652A1
Analysis	16.24	3.56	9.28	52.92	11.38	6.62	431H
Contest Brand All-Mash Broiler Ration	17.00	3.50	7.00	51.50			2652A5
Analysis	19.42	4.77	5.96	53.11	10.28	6.46	293H
Honaker Grain & Hatchery Company, Farmersville, Texas.							
Best Maid Brand All-Mash Chick Starter	17.00	3.50	5.50	52.50			84F
Analysis ²⁷⁶	17.30	4.14	5.38	55.99	10.34	6.85	573T
Best Maid Brand Dairy Feed	17.50	3.50	15.00	44.00			84Q
Analysis ²⁷⁶	17.62	3.99	13.46	49.75	9.10	6.08	164T
Honey Grove Cotton Oil Company, The, Honey Grove, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			499E
Analysis	42.75	6.69	10.74	26.58	7.12	6.12	11P
Analysis	42.42	6.70	11.35	27.10	6.46	5.97	15P
Analysis	43.37	6.45	10.19	27.13	6.73	6.13	189P
Analysis	42.27	7.27	9.80	26.52	8.07	6.07	38T
Analysis	42.77	6.50	10.50	27.53	6.63	6.07	284T
Honey Grove 41% Protein Pig-N-Hog Supplement	41.00	4.50	10.00	21.00			499L
Analysis ²⁷⁷	42.35	5.20	7.59	20.41	8.33	16.12	36J
Honey Grove Laying Mash	18.00	3.50	7.50	47.00			499M
Analysis*	19.33	4.46	7.05	49.04	10.72	9.40	70T
Analysis*	18.75	4.50	7.35	48.51	11.00	9.89	464T
Honey Grove Chick Starter	18.00	4.00	6.00	53.00			499N
Analysis*	17.82	4.48	6.84	53.19	10.90	6.77	465T
Honey Grove 20% Protein Dairy Feed	20.00	3.00	11.50	43.50			499Q
Analysis	23.00	3.68	9.69	45.08	10.42	8.13	9P
Honey Grove 38% Protein Supplement for Dairy Cows	38.00	4.00	9.50	23.00			499R
Analysis	39.00	4.65	8.27	27.16	7.38	13.54	10P
Horton, Hal C., Greenville, Texas.							
Red Diamond Cow Hash	20.00	3.80	10.50	47.00			1202C
Analysis	15.74	2.82	11.41	51.18	12.33	6.52	32P
Analysis	20.00	4.19	9.95	48.20	11.82	5.84	123P
Analysis ²⁷⁸	17.05	2.78	7.70	52.28	13.55	6.64	59T
Red Diamond All-Mash Laying Feed	14.00	3.00	7.00	58.00			1202X
Analysis	15.99	3.27	4.68	59.81	10.54	5.71	563T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁷⁶ Peanut meal and molasses claimed, not found.²⁷⁶ Deficient in ground oyster shell.²⁷⁷ Fish meal claimed, not found. Some shrimp meal found, not claimed.²⁷⁸ Ground whole barley found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Horton, Hal C., Greenville, Texas.—Cont'd.							
Red Diamond 13% Protein							
Mixed Feed	13.00	2.00	44.00	27.00			1202Z
Analysis ²⁷⁹	9.50	.68	34.72	35.30	13.49	6.31	13P
Analysis	9.33	.90	32.78	33.07	15.96	7.91	188P
Red Diamond Sweet Feed	9.00	2.00	19.50	48.00			1202B4
Analysis	12.01	2.41	7.90	58.40	13.90	5.38	448T
Red Diamond Hog Feed	14.80	3.00	6.00	64.00			1202B6
Analysis	15.10	3.44	5.13	57.89	11.37	7.07	187P
Houston Cotton Oil Mill, Houston, Texas.							
Cotton Bloom Brand 43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			720B
Analysis ^o	42.26	6.73	11.10	25.45	8.30	6.16	304M
Analysis	42.65	6.53	9.46	26.01	8.99	6.36	416M
Panther Brand Mixed Feed	11.70	1.70	36.50	35.00			720F
Analysis ¹²⁵⁰	11.96	1.62	35.50	39.62	7.52	3.78	558M
Panther Brand Laying Mash	18.00	4.00	6.50	56.00			720I
Analysis ²⁸¹	22.08	4.10	6.69	51.08	9.36	6.69	162M
Analysis ²⁸²	18.70	3.89	5.72	53.30	9.93	8.46	537M
Cotton Bloom Brand Laying Mash	18.00	4.50	7.50	51.00			720J
Analysis ²⁸⁰	22.54	4.60	6.36	43.80	9.95	12.75	290M
Cotton Bloom Brand Chick Starter	19.00	4.00	5.50	52.00			720K
Analysis	21.02	4.48	6.10	50.27	11.10	7.03	482M
Cotton Bloom Brand Growing Mash	18.50	4.00	5.50	53.00			720L
Analysis	19.77	4.38	5.50	50.12	11.20	9.03	483M
Consumers Special Egg Mash	19.00	4.00	7.50	46.00			720V
Analysis	19.82	4.15	6.59	47.74	10.25	11.45	292M
Rice Hulls, Molasses, Alfalfa Stem Meal, Corn Chop, Cottonseed Meal, Rice Bran, Oyster Shell, Meat and Bone Scraps, and Salt	6.00	1.10	21.50	32.00			720A2
Analysis ²⁸³	9.10	.90	21.48	39.27	13.72	15.53	293M
Cotton Bloom Brand 43% Protein Peanut Meal	43.00	6.00	12.00	23.00			720A4
Analysis ^o	41.71	8.50	15.26	20.78	8.42	5.33	484M
Cotton Bloom Brand 18% Protein Mixed Feed	18.00	2.60	24.00	32.00			720B2
Analysis ⁴	14.65	2.85	26.63	41.63	10.05	4.19	291M
Houston Grain Company, Houston, Texas.							
19% Protein Mixed Dairy Feed	19.00	4.50	13.50	37.50			1153Q
Analysis*	21.15	5.89	11.23	41.83	11.11	8.79	106M
Houston Grainery, Houston, Texas.							
O. T. G. Special 22% Protein Dairy Ration	22.00	5.00	16.50	35.50			1542A
Analysis	23.81	6.41	14.69	34.42	10.60	10.07	102M
O. T. G. Special Stock Feed	9.00	4.00	27.50	39.00			1542B
Analysis ²⁸⁴	9.22	4.26	32.54	34.25	9.61	10.12	19M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁷⁹Deficient in ground oyster shell.²⁸⁰Deficient in ground oyster shell.²⁸¹Deficient in ground oyster shell and salt.²⁸²Deficient in ground oyster shell and excess of salt found.²⁸³Peanut hulls found.²⁸⁴Roller whole barley found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Houston Milling Company, Inc., Houston, Texas.							
Corn Bran	8.00	5.00	12.00	60.00			1462D
Analysis	12.75	10.53	5.43	58.20	9.38	3.71	565M
Wheat Bran and Screenings	14.50	3.00	10.00	50.00			1462G
Analysis	14.70	4.00	10.09	51.59	12.92	6.70	426M
Wheat Gray Shorts	17.00	4.00	6.00	55.00			1462H
Analysis	18.14	4.01	5.50	56.65	11.95	3.75	232M
Analysis	17.50	3.77	5.19	56.47	13.20	3.87	425M
Arrow Range Cattle Fattener							
Cubes	13.50	3.20	12.00	50.00			1462X
Analysis ²⁸⁵	13.31	3.86	5.58	60.89	11.36	5.00	194H
Brewers' Dried Grains and Molasses	15.50	4.00	13.00	47.00			1462C7
Analysis	19.57	4.96	11.59	46.71	12.11	5.06	200M
Crimped Whole Oats	11.00	4.00	12.00	58.00			1462D3
Analysis	11.50	5.37	10.11	57.47	11.17	4.38	517M
Homco Special Egg Mash	19.00	3.60	7.00	45.00			1462M8
Analysis ²⁸⁶	20.45	4.35	6.07	51.50	10.67	6.96	178H
Arrow Emergency 24% Protein							
Dairy Feed Cubes	24.00	3.00	13.00	42.00			1462P5
Analysis ²⁸⁶	24.18	4.16	9.29	43.42	13.48	5.47	300M
Houston Packing Company, Houston, Texas.							
40% Protein Feeding Tankage with Bone	40.00	5.00	7.00	0.00			1765B
Analysis	44.65	12.15	1.66	2.36	6.33	32.85	509H
Analysis ^o	36.36	15.31	3.89	2.93	5.42	36.09	76T
Houston's 50% Protein Meat and Bone Scraps	50.00	5.00	4.50	0.00			1765F
Analysis	51.15	9.94	2.01	2.60	7.46	26.84	234H
Analysis ^o	47.40	11.18	2.20	3.47	6.35	29.40	317M
Analysis	51.44	11.99	1.73	1.53	7.74	25.57	78W
Hou-Tex Grain Company, Houston, Texas.							
Hou-Tex Dry Mix	15.00	4.00	15.00	45.00			1989B
Analysis ²⁸⁷	18.61	5.40	14.97	42.18	8.88	9.96	32M
Hou-Tex Starting Mash	17.50	3.50	7.00	48.50			1989E
Analysis	19.75	4.54	4.38	53.62	10.33	7.38	166M
Cream-of-the-Crop Brand 19% Protein Dairy Ration	19.00	4.50	18.00	37.00			1989G
Analysis ²⁸⁸	19.00	5.00	16.25	39.44	10.13	10.18	167M
Hou-Tex Horse and Mule Feed	10.00	2.60	14.00	54.00			1989I
Analysis ²⁸⁹	11.05	2.63	9.55	57.52	11.79	7.46	409M
Big-Valu Brand Scratch Feed	10.00	3.00	3.00	70.00			1989K
Analysis	9.83	3.25	1.86	72.04	11.67	1.35	168M
Big-Valu Brand 18% Protein Dairy Ration	18.00	3.50	20.00	38.00			1989O
Analysis ²⁹⁰	18.80	3.51	17.05	41.12	11.39	8.13	33M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁸⁵Alfalfa meal and crushed whole oats claimed, not found.²⁸⁶Deficient in ground oyster shell and salt.²⁸⁷Ground whole oats and peanut hulls found, not claimed. Excess of ground oyster shell found.²⁸⁸Excess of salt found.²⁸⁹Rice hulls and ground limestone found, not claimed.²⁹⁰Roller whole barley found, not claimed. Deficient in ground limestone.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Hughhins Feed & Seed Store, B. A., Bryan, Texas.							
Hughhins' Growing Mash	16.50	3.50	7.00	51.50			1219C
Analysis	17.20	4.18	6.23	54.26	10.83	7.30	1M
Hughhins' All-Mash Chick Starter	18.00	3.50	6.00	52.00			1219D
Analysis	18.10	4.32	5.13	54.22	11.11	7.12	125M
Hughes, Jack, Ysleta, Texas.							
Jack Hughes' Laying Mash	18.50	3.70	8.00	49.00			1409A
Analysis	19.65	4.47	5.07	52.35	9.69	8.77	482S
Jack Hughes' Dairy Feed	15.50	3.00	8.00	53.00			1409B
Analysis	17.18	4.26	7.17	57.31	8.90	5.18	13S
Hughes Feed & Produce Company, R. H., Mineral Wells.							
Three H Egg Mash	18.50	4.00	7.50	48.00			318G
Analysis ²⁹¹	19.80	4.72	8.43	48.53	9.80	8.72	51T
Hugo Milling Company, Hugo, Oklahoma.							
Carnation Brand Dairy Feed	18.00	3.60	14.00	43.00			1937A
Analysis ²⁹²	18.26	3.75	14.21	43.65	9.83	10.30	99P
Analysis	19.18	5.05	10.52	44.48	9.52	11.25	455T
Analysis ^a	19.70	5.22	10.98	46.07	8.87	9.16	571T
Ground Whole Oats	11.00	4.00	12.00	58.00			1937F
Analysis ²⁹³	4.05	1.59	29.56	49.54	7.78	7.48	120T
Finely Ground Whole Barley	11.00	1.50	6.00	65.00			1937J
Analysis ^a	14.22	2.23	5.57	65.34	9.08	3.56	54J
Humphreys-Godwin Company, Memphis, Tennessee.							
Bull Brand 43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			1922A
Analysis	42.98	6.83	10.53	25.60	7.77	6.29	137T
Analysis	42.65	5.47	9.83	28.07	7.62	6.36	588T
Hutchins Feed and Seed Store, Morton, Texas.							
Winner Brand Egg Mash	18.00	3.50	6.00	47.50			1361F
Analysis	17.08	3.88	5.16	56.62	9.68	7.58	213K
Ingwersen Feed Company, Jim, Canadian, Texas.							
Remarkable Brand Dairy Feed	16.00	3.00	10.00	54.00			1532I
Analysis	17.22	3.93	7.90	55.52	10.36	5.07	120K
Remarkable Brand Growing Mash	16.00	3.50	6.00	54.00			1532J
Analysis	17.28	3.80	4.97	57.87	10.22	5.86	260K
Remarkable Brand Range Feed	26.60	4.00	7.00	42.50			1532M
Analysis	28.55	5.99	5.40	44.35	9.22	6.49	119K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.²⁹¹Peanut meal found, not claimed.²⁹²Ear corn, chop found, not claimed.²⁹³Commercial oats hulls.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
International Milling Company, Greenville, Texas.							
Target Wheat Gray Shorts and Screenings	17.00	3.50	6.00	55.00			101B
Analysis	16.37	4.84	6.10	57.15	11.77	3.77	137M
Analysis ²⁹⁴	16.65	4.16	5.88	57.00	12.43	3.88	181P
Analysis ²⁹⁵	18.35	4.17	6.46	55.21	11.86	3.95	237T
Analysis ^{295a}	17.50	4.16	6.35	56.24	11.67	4.08	337T
Analysis	17.70	3.78	4.87	58.79	11.38	3.48	443T
Analysis	18.40	4.29	5.89	55.00	11.74	4.68	496T
Analysis	18.70	3.97	5.99	55.81	11.63	3.90	458W
Hominy Feed	10.00	5.00	7.00	60.00			101Y
Analysis	11.90	8.14	6.26	59.98	10.55	3.17	561T
Interstate By-Products & Supply Company, Fort Worth, Texas.							
Interstate 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00			768A
Analysis	50.53	9.79	2.09	.51	7.30	29.78	290H
Analysis	50.06	10.05	2.34	3.17	6.33	28.05	84T
Analysis	49.72	9.86	1.83	3.58	6.51	28.50	401T
Analysis ^c	45.80	8.93	2.34	1.12	6.17	35.64	517T
Analysis	50.50	7.46	1.78	.71	6.49	33.06	580T
Analysis	50.10	9.55	2.77	.01	6.93	30.64	245W
Interstate 60% Protein Digester Tankage	60.00	6.00	3.00	0.00			768C
Analysis ^c	59.14	7.30	2.32	3.69	7.87	19.68	2M
Interstate Feed Company, Fort Worth, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			1109A
Analysis ^c	41.60	5.63	9.61	27.92	8.12	7.12	95T
Jackson County Cotton Oil Company, Ganado, Texas.							
Jaco All-Purpose Sweet Feed	25.00	4.60	20.00	35.00			2330E
Analysis ²⁹⁶	26.84	5.12	21.92	34.74	5.57	5.81	524M
Jaco Half-and-Half Sweet Feed	17.00	3.60	14.00	47.00			2330J
Analysis ²⁹⁷	17.30	4.52	15.30	49.12	9.19	4.57	315M
Jaco One-to-Two Sweet Feed	13.00	3.00	12.50	52.50			2330L
Analysis ²⁹⁸	12.13	4.10	10.39	59.05	10.98	3.35	314M
Jaco Ear Corn Chop with Husk, Molasses, Oyster Shell, and Salt	7.00	2.50	8.50	57.00			2330O
Analysis	7.80	3.18	7.36	65.39	14.16	2.11	206M
Jaco 37% Protein Linseed Meal	37.00	5.00	9.00	35.00			2330P
Analysis	37.40	13.82	6.45	29.55	7.51	5.27	15H
Analysis	40.41	9.67	6.44	30.12	8.26	5.10	208M
Jaco Horse and Mule Feed	11.00	3.00	7.50	59.00			2330S
Analysis ²⁹⁸	1.30	4.06	6.91	62.82	11.07	3.84	205M
Jaco One-to-Two B Sweet Feed	14.20	3.00	8.50	56.50			2330T
Analysis	14.12	3.08	6.74	60.42	12.73	2.91	117M
One-to-Two Special Feed	15.00	3.00	7.50	56.00			2330U
Analysis ²⁹⁸	16.10	3.92	6.70	59.12	11.24	2.92	204M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁹⁴Corn meal present.²⁹⁵Wheat brown shorts and screenings.²⁹⁶Deficient in ground oyster shell and salt.²⁹⁷Deficient in ground oyster shell.²⁹⁸Deficient in ground limestone and salt.

Table 18. **Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued**

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Jayton Cotton Oil Mill, Jayton, Texas.							
Chuck Wagon Brand 43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	—	—	2255A
Analysis	42.83	7.14	9.55	26.67	7.33	6.48	227K
Analysis	45.36	7.30	8.55	26.20	6.52	6.07	129S
Analysis	42.85	7.43	10.80	25.60	7.39	5.93	143S
Analysis ^{290c}	42.45	7.89	9.63	26.64	7.00	6.39	265S
Analysis	42.71	7.31	9.71	27.79	6.16	6.32	268S
Chuck Wagon Brand 43% Protein Cottonseed Pellets	45.00	6.00	12.00	23.00	—	—	2255C
Analysis ^{fo}	41.43	8.01	9.33	27.08	7.66	6.49	382S
Jefferson Packing Company, Beaumont, Texas.							
50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00	—	—	2557A
Analysis	53.61	12.17	.90	1.15	7.43	24.74	442M
Jernigan, V. L., Bells, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00	—	—	787A
Analysis	8.68	2.79	10.58	62.69	13.25	2.01	111P
Johnson Feed Store, Irving, Texas.							
Johnson's Dairy Feed	19.00	3.30	13.80	43.50	—	—	608I
Analysis	19.20	3.98	12.73	44.90	11.03	8.16	233T
Analysis	20.00	3.92	13.00	44.52	11.04	7.52	525T
Johnson's Laying Mash	18.50	3.50	8.00	44.50	—	—	608J
Analysis	20.75	4.34	7.16	48.97	8.99	9.79	42T
Analysis	19.15	4.81	6.95	49.72	9.71	9.66	524T
Jones, Gus, Jacksboro, Texas.							
G. J. Dairy Feed	18.00	3.20	15.50	45.50	—	—	2364K
Analysis	18.10	3.26	14.92	44.53	11.27	7.92	114T
Egg-Maker Brand Laying Mash	18.00	3.50	8.00	50.00	—	—	2364O
Analysis	16.98	4.92	6.95	54.66	10.82	5.67	361T
Analysis	16.60	4.05	4.62	59.59	10.38	4.76	614T
G. J. Chick Starter	17.00	3.50	6.70	51.70	—	—	2364V
Analysis	18.26	4.00	5.52	55.17	11.03	6.02	526T
Jones Feed Mill, Dallas, Texas.							
Trumix Brand Growing Mash	16.50	3.50	7.00	51.50	—	—	780D
Analysis	17.30	4.39	7.20	53.67	10.36	7.08	314T
Trumix Brand Laying Mash	19.00	4.00	7.00	44.50	—	—	780E
Analysis	20.35	3.66	7.04	51.64	10.38	6.93	313T
Jones Feed Store, Irving, Texas.							
Jones' Dairy Feed	16.50	3.50	12.00	50.00	—	—	2196C
Analysis ³⁰⁰	16.12	3.66	16.33	45.97	11.10	6.82	234T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

^{290c}Off quality.³⁰⁰Alfalfa meal claimed, not found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Jones Grain Company, R. M., San Angelo, Texas.							
Jones' Special Dairy Feed	18.00	4.00	12.00	42.50	—	—	1064A
Analysis	19.46	4.02	10.64	49.16	9.13	7.59	611S
Jones' Special Egg Mash	18.00	3.50	7.50	48.00	—	—	1064B
Analysis	18.50	4.03	7.19	51.53	10.52	8.23	319S
Jones' Special Vita-Way Brand Growing Mash	17.00	3.50	5.50	53.00	—	—	1064D
Analysis ³⁰¹	18.00	3.51	5.44	56.01	9.94	7.10	612S
Jones' Pay-Day Brand Egg Mash	18.20	3.70	7.00	49.30	—	—	1064E
Analysis	20.12	4.15	7.69	50.59	9.80	7.65	32S
Jones Hatchery & Feed Store, Hamlin, Texas.							
Jones' Special Dairy Feed	17.00	3.50	9.00	52.00	—	—	2090E
Analysis	17.70	4.01	8.68	54.67	9.54	5.40	538S
Jones-Myers Feed Company, Beaumont, Texas.							
Bojak 18% Protein Dairy Feed	18.00	4.00	12.00	45.00	—	—	1355B
Analysis	20.35	5.25	8.26	48.55	11.54	6.05	95M
Josey-Miller Company, Inc., Beaumont, Texas.							
Corn Chop	9.00	3.50	3.00	70.00	—	—	407A
Analysis	9.75	3.95	2.10	69.83	13.05	1.32	332M
Mo-Cream Brand Steam Dried Mixed Feed with Molasses	16.00	4.20	14.50	42.00	—	—	407F
Analysis	17.00	4.48	9.86	50.08	10.62	7.96	200W
Mo-Eggs	10.00	2.50	4.00	65.00	—	—	407H
Analysis	10.22	2.53	2.19	70.55	12.98	1.53	476M
Rice Hulls, Peanut Hulls, Molasses, Rice Bran, Oat Hulls, Corn Chop, Limestone, and Salt	5.00	1.80	29.00	39.00	—	—	407I
Analysis ³⁰²	7.31	1.66	27.10	40.66	10.30	12.97	75M
Hi-Flo Brand Dairy Feed	24.00	4.50	10.50	41.00	—	—	407M
Analysis ³⁰³	26.75	7.83	10.63	38.93	7.81	8.05	261M
Analysis	25.87	6.24	12.09	38.02	8.58	9.20	457M
Analysis ³⁰⁴	23.74	6.75	13.14	40.81	6.69	8.87	646W
Crimped Whole Barley	11.00	1.50	6.00	65.00	—	—	407O
Analysis	13.88	2.00	6.04	63.66	11.40	3.02	367M
Jo-Mil Rolled Oat Groats	16.00	6.00	1.50	65.00	—	—	407R
Analysis	15.08	6.86	2.27	63.45	10.40	1.94	477M
Big Jo Dairy Feed	18.00	3.50	14.00	43.00	—	—	407Y
Analysis	20.92	6.88	12.18	41.54	9.72	8.76	56M
Analysis ³⁰⁵	20.85	4.67	9.25	46.64	9.33	9.26	514M
Perfection Brand Steam Dried Mixed Feed with Molasses	9.00	3.00	17.00	46.00	—	—	407Z
Analysis ³⁰⁶	10.10	3.33	15.64	49.60	10.34	10.99	469W
Jo-Mil 5 Point Laying Mash	20.00	3.50	7.40	44.50	—	—	407A5
Analysis ³⁰⁷	21.59	5.17	5.33	48.38	9.60	9.93	76M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

³⁰¹Rich meal claimed, not found.³⁰²Wheat bran and milo chop found, not claimed.³⁰³Steamed bone meal claimed, not found.³⁰⁴Linseed meal and molasses claimed, not found.³⁰⁵Deficient in ground limestone and salt.³⁰⁶Deficient on ground limestone.³⁰⁷Soybean oil meal found, not claimed. Excess of ground limestone found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Josey-Miller Company, Inc., Beaumont, Texas.—Cont'd.							
Kow-Kud Dairy Feed	20.00	4.00	8.00	42.30			407A5
Analysis ³⁰⁰	18.95	4.33	6.63	53.12	10.56	6.41	23J
Jo-Mil Horse and Mule Feed	19.20	5.64	6.09	50.92	11.03	7.12	71P
Analysis ³⁰⁹	25.00	4.50	12.50	40.00			407A7
Analysis ³¹⁰	26.63	6.73	12.49	36.71	7.75	9.69	511M
Rolled Whole Oats	9.00	3.00	11.50	55.00			407B1
Analysis ³¹¹	12.31	3.48	8.64	59.07	10.83	5.67	27J
Big Bag Brand Feed	9.72	4.39	10.92	59.53	11.36	4.08	262M
Analysis ³¹²	11.00	4.00	12.00	58.00			407B2
Wheat Gray Shorts and Screenings	11.20	4.31	10.60	58.88	11.54	3.47	241M
Analysis ³¹³	10.00	3.50	14.00	51.00			407D2
B. P. S. Mixed Feed	12.81	2.06	14.85	50.02	10.44	9.82	456M
Analysis	15.00	3.50	6.00	55.00			407E2
Analysis ³¹⁴	18.46	3.68	5.65	58.34	8.95	4.92	83H
Jo-Mil 5 Point Laying Mash	12.00	7.00	10.50	47.00			407F2
Analysis ³⁰⁸	14.41	11.64	9.31	46.67	8.49	9.48	7M
Analysis ³⁰⁹	12.92	8.85	9.73	46.81	9.43	12.26	52P
Perfexun Brand All-Mash	15.00	3.50	8.00	49.00			407F5
Analysis ³¹²	20.00	5.49	5.88	50.76	10.32	7.55	20J
Analysis	20.57	5.30	6.73	49.09	10.47	7.84	437M
Jo-Mil Hominy Feed and Limestone	9.80	5.90	6.90	58.80			407F7
Analysis ³¹⁵	11.24	5.35	3.59	63.98	13.06	2.78	330M
Jo-Mil 18% Protein Dairy Feed	18.00	4.50	12.70	40.00			407F9
Analysis	18.70	5.08	12.10	46.80	9.59	7.73	455M
Jo-Mil Cattle Feed Cubes	16.00	4.00	11.50	46.00			407G4
Analysis ³¹⁶	17.83	4.19	14.31	46.47	7.97	9.23	263M
Analysis	18.37	6.22	10.15	46.31	9.40	9.55	368M
Jo-Mil 32% Protein Supplement for Poultry	32.00	4.50	7.00	27.00			407H8
Analysis ³¹⁷	31.86	5.49	5.48	34.29	9.02	13.86	6M
Cottonseed Hulls, Cottonseed Meal, Ground Limestone, and Salt	11.50	1.70	36.00	35.00			407I2
Analysis	10.77	1.51	38.29	38.14	7.06	4.23	561M
Victory Brand Dairy Feed	19.00	3.50	15.00	42.00			407I3
Analysis ³¹⁸	19.70	3.78	15.50	41.94	9.48	9.60	325M
Juarez Mercantile Company, El Paso, Texas.							
Wheat Bran and Screenings	14.50	3.00	10.00	50.00			1501B
Analysis ³	14.52	3.49	9.44	57.83	8.92	5.80	205K
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			1501C
Analysis ³	41.35	6.23	11.89	28.57	6.11	5.85	175S
Oat Shorts and Oat Screenings	13.00	8.00	4.00	60.00			1501M
Analysis	15.80	10.21	2.49	61.28	8.66	1.56	165S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

³⁰⁰Deficient in ground limestone and salt.³⁰⁹Deficient on ground limestone.³⁰⁸Corn gluten feed and milo meal, found, not claimed. Deficient in ground limestone and salt.³⁰⁶Crimped whole barley found, not claimed. Deficient in ground limestone.³¹⁰Cottonseed meal, milo screenings, and rice hulls found, not claimed.³¹¹Rolled whole barley present.³¹²Corn gluten feed found, not claimed.³¹³Corn meal present.³¹⁴Excess of ground limestone found.³¹⁵Ground whole oats and milo meal found, not claimed. Deficient in ground limestone.³¹⁶Rice hulls found, not claimed.³¹⁷Excess of ground limestone found.³¹⁸Bone meal found, not claimed. Deficient in ground limestone.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Judd Grain Company, Wichita Falls, Texas.							
Ground Whole Oats	11.00	4.00	12.00	58.00	—	—	975B
Analysis ³¹⁹	13.61	4.71	9.43	58.22	10.19	3.84	608T
Ground Whole Barley	11.00	1.50	6.00	65.00	—	—	975E
Analysis	13.58	1.50	6.49	65.31	9.95	3.17	424T
Analysis ³²⁰	13.40	1.79	4.84	67.21	9.82	2.94	426T
Kafir Chop	10.00	2.50	3.00	70.00	—	—	975I
Analysis ³²¹	11.00	2.62	2.28	72.46	9.66	1.98	425T
Judd's Royal Brand 16% Protein Mixed Dairy Feed	16.00	3.00	10.50	51.00	—	—	975A2
Analysis	17.10	3.19	12.06	50.09	9.51	8.05	427T
Kalmbach-Barckett Company, Inc., Shreveport, Louisiana.							
Circle Brand 24% Protein Dairy Feed	24.00	4.00	10.00	42.00	—	—	977A9
Analysis ³²²	22.60	4.53	9.49	43.97	10.23	9.18	88P
Kansas Milling Company, The, Wichita, Kansas.							
Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00	—	—	2072C
Analysis	17.10	3.19	4.10	60.60	11.96	3.05	432M
Analysis ³²³	17.62	4.11	6.33	53.33	13.79	4.82	92P
Kavanaugh Feed Mills, Dallas, Texas.							
O. C.'s Special Dairy Feed	18.00	4.00	11.00	44.50	—	—	2371D
Analysis ³²⁴	19.86	4.09	12.96	45.04	11.08	6.97	306T
Alfalfa Meal and Molasses	10.30	1.00	25.00	42.00	—	—	2371E
Analysis	14.46	1.20	23.81	37.18	12.15	11.20	307T
Kay and Wood, Stephenville, Texas.							
K & W Special Starting Mash	17.00	3.50	6.00	51.00	—	—	2029J
Analysis	17.48	5.67	5.60	53.68	9.92	7.65	341T
Kearns Grain & Seed Company, Amarillo, Texas.							
Ground Whole Oats	11.00	4.00	12.00	58.00	—	—	1036D
Analysis ³²⁵	12.11	3.97	9.77	58.57	10.92	4.66	360S
Kearns Big K Chick Starter	17.50	4.00	6.00	50.50	—	—	1036R
Analysis	17.80	4.52	5.92	53.05	10.04	8.67	356S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

³¹⁹Wheat bran and milo meal present.³²⁰Kafir meal present.³²¹Ground whole barley, ground whole oats, and ground wheat present.³²²Deficient in ground limestone.³²³Wheat brown shorts and screenings.³²⁴Ground corn cobs found, not claimed.³²⁵Milo meal, ground whole barley, and weed seed present.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					Crude Ash	Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture		
Keeton Packing Company, Lubbock, Texas. Keeton's Western Brand 50% Protein Digester Tankage with Bone	50.00	6.00	3.00	0.00	-----	-----	1052B
Analysis	51.26	10.08	2.24	4.00	7.08	25.34	51K
Analysis ^c	49.16	12.49	4.04	4.06	5.71	24.54	334S
Analysis	52.07	12.95	2.84	5.04	4.72	22.38	470S
Keith, O. W. Port Arthur, Texas. Keith Brand Dairy Feed	18.00	3.50	12.00	47.00	-----	-----	1545A
Analysis ³²⁶	17.50	4.19	12.34	49.13	10.19	6.65	88M
Poultry Scratch Feed	10.00	2.50	3.50	69.00	-----	-----	1545D
Analysis	11.10	2.59	2.13	69.90	12.21	2.07	87M
Laying Mash	20.00	3.50	6.50	45.50	-----	-----	1545E
Analysis	19.33	6.38	6.72	47.40	10.37	9.80	89M
Our Special 18% Protein Dairy Feed	18.00	4.20	14.50	42.00	-----	-----	1545G
Analysis	19.27	6.37	12.45	41.77	10.60	9.54	440M
Kelco Company, Los Angeles, California. Ground Dried Kelp	3.00	0.10	10.00	30.00	-----	-----	1946A
Analysis ³²⁷	4.63	.80	6.12	48.73	6.70	32.97	156M
Kelley Grain & Hatchery, J. F., Burkburnett, Texas. Bur-Tex Stock Feed	16.00	2.90	20.00	40.50	-----	-----	2215B
Analysis ³²⁸	17.26	3.86	15.81	47.11	10.63	5.33	359T
Kellogg & Sons, Inc., Spencer, Buffalo, New York, and Branches Kellogg's 41% Protein Soybean Oil Meal	41.00	3.50	7.00	29.00	-----	-----	823A
Analysis ³²⁹	44.26	3.87	5.76	29.07	11.24	5.80	488T
Kemplin, John M., Gainesville, Texas. Whole Oat Chop	11.00	4.00	12.00	58.00	-----	-----	635C
Analysis ³³⁰	11.76	4.60	15.25	53.38	10.18	4.83	320T
Hi-Lo Dairy Feed	18.00	3.70	13.50	47.00	-----	-----	635G
Analysis ³³¹	18.53	4.20	11.14	49.45	10.73	5.95	33T
Analysis	18.90	4.53	11.50	48.17	10.20	6.70	197T
Kenedy Cotton Oil Mill, Kenedy, Texas. 43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00	-----	-----	1002C
Analysis	44.92	5.61	10.16	26.26	7.06	5.99	7H
Analysis	45.32	6.21	9.74	25.94	6.94	5.85	10H
Analysis	43.19	6.86	10.34	25.72	8.13	5.76	149H
Analysis	43.86	6.33	11.25	24.26	8.33	5.97	254H
Analysis	44.15	6.37	10.75	24.61	8.09	6.03	303H
Analysis ³³²	43.11	6.69	11.19	25.25	8.55	5.21	339H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

³²⁰Deficient in ground oyster shell.³²¹18.4% total chlorides present, calculated as salt (NaCl).³²⁸Alfalfa leaf meal found, not claimed.³²⁹Made by Decatur Soy Products Company, Decatur, Ill. Wrong tags attached by consignee.³³⁰Excess oat hulls presents.³³¹Deficient in ground oyster shell.³³²Off quality.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Kenedy Cotton Oil Mill, Kenedy, Texas.—Cont'd.							
43% Protein Cottonseed Cake	43.00	5.20	12.00	25.00	—	—	1002D
Analysis	46.41	6.43	7.55	25.94	7.73	5.94	176H
Kennedy Grain Store, L. D., Abilene, Texas.							
Ground Whole Oats	11.00	4.00	12.00	58.00	—	—	1479E
Analysis	12.48	5.29	10.61	57.38	10.32	3.92	242T
Kerens Oil Mill, Kerens, Texas.							
Corn Chop	9.00	3.50	3.00	70.00	—	—	1411A
Analysis	9.80	4.45	2.09	72.06	10.34	1.26	119W
Kimbell-Diamond Milling Company, Fort Worth, Texas, and Branches.							
Liberty Dairy Feed	18.00	3.20	13.00	45.50	—	—	2328A
Analysis ^b	22.62	3.79	9.91	44.84	11.20	7.64	37J
Wheat Bran and Screenings	16.00	3.50	10.00	53.00	—	—	2328B
Analysis ^a	16.24	4.08	10.08	54.54	10.44	4.62	218W
KB Gray Feed	14.30	3.20	7.00	57.00	—	—	2328G
Analysis ^c	15.67	4.24	6.78	57.84	10.61	4.86	142M
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00	—	—	2328P
Analysis	8.28	3.24	9.43	65.67	10.83	2.55	42J
Analysis	8.62	3.15	9.55	65.69	10.74	2.25	261T
KB Horse and Mule Feed	10.00	2.80	9.50	56.00	—	—	2328R
Analysis ^{b33k}	10.30	2.24	6.97	64.50	11.69	4.30	70M
KB Cattle Cubes	20.00	3.40	7.50	47.50	—	—	2328S
Analysis ^{b33b}	20.50	3.23	6.57	53.47	9.12	7.11	450S
Thrifty Brand Sweet Feed	9.00	2.20	15.00	53.00	—	—	2328U
Analysis	10.77	.91	11.20	55.90	12.89	8.33	25P
Analysis ^{b33}	9.20	.90	11.61	54.12	3.4	10.44	239T
Analysis	10.83	1.96	12.85	55.48	10.70	8.18	582W
KB Egg Mash with Buttermilk and Cod Liver Oil	20.00	3.70	6.50	47.00	—	—	2328X
Analysis	18.71	3.83	6.14	52.85	10.18	8.29	323W
KB Growing Mash	17.00	4.00	7.00	51.00	—	—	2328Y
Analysis	18.69	3.31	5.08	54.35	10.87	7.70	58J
Analysis	18.57	4.16	5.62	56.35	8.65	6.65	635W
Liberty Horse and Mule Feed	9.50	2.40	10.00	53.00	—	—	2328A1
Analysis ^{b33b}	11.65	2.64	9.18	60.98	11.28	4.27	347W
KB 30% Protein Supplement for Pigs and Hogs	30.00	3.50	7.00	34.00	—	—	2328A4
Analysis	32.63	4.96	6.60	33.23	9.67	12.91	73M
Analysis ^a	27.52	5.52	6.92	36.80	10.89	12.35	279M
Analysis	34.06	5.42	6.51	33.79	9.50	10.72	16W
Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00	—	—	2328B1
Analysis ^{b37e}	20.87	4.13	6.33	53.18	11.18	4.31	502M
Analysis	17.90	4.59	5.79	54.66	12.45	4.61	168P
Analysis ^{b33e}	16.58	4.10	7.46	55.97	11.14	4.77	60T
Analysis ^{b37e}	17.03	4.65	6.44	56.60	11.19	4.09	290T
Analysis	18.33	4.04	5.35	56.78	11.69	3.81	543T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

^{33b}Linseed meal claimed, not found. Cottonseed meal and meat and bone scraps found, not claimed. Deficient in ground limestone and salt.^{33a}Not in cube form.^{33c}Excess of salt found.^{33d}Deficient in ground limestone and salt.^{33f}Wheat brown shorts and screenings.^{33g}Corn meal found in wheat brown shorts and screenings.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued(The guaranties are printed in *italics* following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Kimbell-Diamond Milling Company, Fort Worth, Texas, and Branches.—Cont'd.							
Kimbell's 24% Protein Dairy Feed	<i>24.00</i>	<i>3.70</i>	<i>11.50</i>	<i>41.00</i>	-----	-----	2328B3
Analysis ³³⁰	22.80	3.51	10.35	45.98	10.23	7.13	208W
Analysis	22.64	3.05	10.65	45.60	11.99	6.07	521S
Thrifty Brand Egg Mash	<i>19.00</i>	<i>4.00</i>	<i>8.00</i>	<i>48.00</i>	-----	-----	2328B5
Analysis	18.75	4.13	6.65	53.25	10.42	6.80	137K
Analysis	<i>23.54</i>	3.49	8.16	44.14	10.09	10.58	173T
Analysis	18.05	3.09	5.99	55.19	10.75	6.93	143W
Thrifty Brand Sheep Cubes	<i>16.00</i>	<i>3.00</i>	<i>7.00</i>	<i>54.50</i>	-----	-----	2328B7
Analysis	18.77	3.42	6.70	55.85	9.67	5.59	36S
KB All-Mash Starter	<i>17.50</i>	<i>4.00</i>	<i>6.00</i>	<i>50.00</i>	-----	-----	2328B8
Analysis	19.10	4.31	5.14	55.24	9.46	6.75	447W
Hominy Feed	<i>10.00</i>	<i>6.00</i>	<i>7.00</i>	<i>60.00</i>	-----	-----	2328C1
Analysis	11.75	9.77	9.18	60.66	5.59	3.05	64P
Kimbell's 5 Egg Mash	<i>19.00</i>	<i>3.50</i>	<i>7.50</i>	<i>46.00</i>	-----	-----	2328C9
Analysis ^a	18.76	4.06	8.14	49.85	10.08	9.11	47M
Analysis ³⁴⁰	19.20	4.05	8.47	48.69	10.27	9.32	48S
Analysis ³⁴¹	19.38	4.57	7.92	50.63	9.61	7.89	262T
Analysis ³⁴¹	20.17	4.18	6.89	51.62	11.15	5.99	374T
Analysis ^b	19.34	3.86	7.66	50.81	9.03	9.30	27W
Analysis ³⁷³⁴²	20.35	4.81	7.80	50.13	10.50	6.41	324W
Kimbell's 5 Egg Mash Pellets	<i>19.00</i>	<i>3.50</i>	<i>7.50</i>	<i>46.00</i>	-----	-----	2328D5
Analysis ^c	18.07	4.05	6.92	51.45	11.90	7.61	65P
Analysis ³⁴³⁷	17.35	1.17	6.71	47.59	17.82	9.36	23T
Big K 9% Protein Sweet Feed	<i>9.00</i>	<i>1.50</i>	<i>15.00</i>	<i>48.50</i>	-----	-----	2328E5
Analysis	10.82	1.43	18.96	45.18	11.22	12.39	252M
Analysis ³⁴⁴	9.30	1.18	18.19	47.55	10.99	12.79	24P
Analysis ³⁴⁴	8.54	1.07	17.74	47.59	12.58	12.48	127W
Kimbell's 16% Protein Dairy Feed	<i>16.00</i>	<i>2.60</i>	<i>11.00</i>	<i>49.50</i>	-----	-----	2328H1
Analysis	<i>16.50</i>	2.62	12.44	50.01	10.26	8.07	95P
Analysis ^d	13.77	1.11	8.67	53.23	14.25	8.97	173P
Kimbell's 16% Protein Dairy Feed	<i>16.00</i>	<i>3.00</i>	<i>11.00</i>	<i>49.50</i>	-----	-----	2328H1
Analysis	19.56	3.07	10.93	47.73	10.68	7.98	523T
Analysis ³⁴⁵	19.87	3.24	7.39	50.69	10.84	7.97	608W
Thrifty Brand Growing Mash	<i>16.00</i>	<i>3.50</i>	<i>7.00</i>	<i>51.00</i>	-----	-----	2328I4
Analysis	16.94	3.65	6.01	56.63	10.68	6.09	173K
Analysis ³⁴⁶	17.70	3.55	5.40	57.62	9.79	5.94	604W
Kimbell Milling Company, Fort Worth, Texas.							
Kimco 16% Protein Dairy Feed	<i>16.00</i>	<i>2.60</i>	<i>11.00</i>	<i>49.50</i>	-----	-----	1071B
Analysis ^f	18.15	2.87	11.82	49.85	10.26	7.05	219T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.³³⁰Deficient in ground limestone and excess of salt found.³⁴⁰Deficient in ground oyster shell.³⁴¹Deficient in ground oyster shell and salt.³⁴²Replaced with feed properly tagged.³⁴³Excess of water present. Musty odor. Amount returned destroyed and replaced with other feed.³⁴⁴Excess ground rice hulls found.³⁴⁵Meat and bone scraps and ground limestone found, not claimed.³⁴⁶Deficient in salt.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Kimbell Oil Mill, The, Sherman, Texas.							
43% Protein Cottonseed Meal							
Analysis	43.00	6.00	12.00	23.00	—	—	348C
Analysis	43.60	5.01	10.77	23.11	6.61	5.90	12P
Analysis	43.37	5.69	9.84	27.32	7.92	5.86	72T
Analysis ^c	44.90	5.55	9.66	26.96	6.99	5.94	435T
	42.16	4.77	11.31	27.90	7.97	5.89	634T
King Peanut Company, Inc., Abilene, Texas.							
Ground Peanut Screenings	14.00	6.00	21.00	41.00	—	—	2601A
Analysis	18.50	15.14	18.63	31.33	10.14	6.26	57S
Kingsville Milling Company, Kingsville, Texas.							
Blue Border Brand 17% Protein Dairy Feed	17.00	3.00	9.00	50.00	—	—	1240F
Analysis ³⁴⁷	15.49	4.49	8.82	50.39	12.07	8.74	309H
Blue Borden Brand Chick Starter	17.00	4.00	6.00	54.00	—	—	1240H
Analysis	17.55	4.88	5.83	54.22	10.41	7.11	382H
Blue Border Brand Growing Mash	17.00	3.50	7.00	52.00	—	—	1240J
Analysis	18.26	4.26	5.66	53.54	10.76	7.52	381H
Blue Border Brand Laying Mash	18.00	3.50	7.00	51.00	—	—	1240K
Analysis	18.60	4.33	5.72	52.13	10.53	8.69	161H
Blue Border Brand Milo Meal	10.00	2.50	3.00	70.00	—	—	1240V
Analysis ³⁴⁸	9.96	2.12	2.78	68.85	13.19	3.10	100H
Kirkpatrick Lumber Company, T. K., Reagan, Texas.							
Kirkpatrick's Best 42% Protein Pig-N-Hog Supplement	42.00	4.50	5.00	19.00	—	—	137E
Analysis	39.77	5.34	6.25	25.05	8.01	15.58	470W
Klein's Tomball Feed Store, Tomball, Texas.							
Klein Special Egg Mash	19.00	4.20	7.80	44.50	—	—	2598E
Analysis	20.14	6.22	5.93	47.65	10.83	9.23	258M
Knaur Feed Milling Company, Denison, Texas.							
Cow-Joy Dairy Feed	22.00	4.50	11.00	44.20	—	—	26M
Analysis	21.52	5.15	9.73	47.32	10.35	5.93	432T
Corn Feed Meal	8.00	3.00	3.00	67.00	—	—	264T
Analysis	9.47	6.56	2.49	67.07	11.94	2.47	125T
Knight, J. L., Troup, Texas.							
Knight's Special Mixed Feed	12.50	3.00	13.00	52.00	—	—	239B
Analysis ³⁴⁹	13.48	3.25	11.99	53.89	11.64	5.75	68M
Knox City Grain Elevator, Knox City, Texas.							
Dairy Feed	18.00	4.00	16.00	44.00	—	—	2114L
Analysis	19.68	4.47	13.05	47.64	9.25	5.91	530S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

³⁴⁷Rice bran found, not claimed.³⁴⁸Hegari meal and molasses.³⁴⁹Deficient in ground oyster shell.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Kraft Cheese Company, Chicago, Illinois.							
Kraco Dried Cheese Whey.....	12.06	0.50	0.50	70.00	-----	-----	271A
Analysis	11.92	1.18	.27	71.82	8.59	6.22	70H
Analysis	12.78	.65	.15	73.13	5.08	8.21	235M
Analysis ^a	12.38	1.03	.11	70.86	7.25	8.37	547W
Kubala Hatchery and Poultry Farm, Schulenberg, Texas.							
Clipper Brand Laying Mash.....	19.00	3.60	7.00	46.00	-----	-----	1151A
Analysis ³⁵⁰	20.25	4.90	6.35	48.66	10.26	9.58	153M
Lacour's Feed Store, Galena Park, Texas.							
Lacour's DeLuxe Brand 18% Protein Dairy Feed.....	18.00	5.00	14.00	41.00	-----	-----	1163C
Analysis	18.80	6.24	11.85	41.75	10.93	10.43	159M
Lacy Coal Company, Inc., W. D., Waco, Texas.							
Lacy's 17% Protein Dairy Ra- tion	17.00	2.80	20.00	40.00	-----	-----	199A
Analysis ³⁵¹	17.58	3.58	13.67	47.10	11.45	6.62	541W
La Grange Cotton & Oil Manufac- turing Company, La Grange, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	-----	-----	218F
Analysis	44.94	7.98	6.93	25.53	8.05	6.57	152M
Analysis	42.53	6.25	10.65	25.93	8.72	5.92	173M
Lamar Cotton Oil Company, The, Paris, Texas.							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	-----	-----	537E
Analysis ^c	42.47	6.05	9.95	27.22	8.03	6.28	16P
Analysis	44.06	6.38	9.94	26.16	7.10	6.36	18P
Analysis	43.62	6.38	9.76	27.07	6.90	6.27	19P
Analysis	43.24	5.99	9.88	26.64	7.71	6.54	130P
Lamar Egg Mash	18.50	3.50	7.00	47.00	-----	-----	537O
Analysis ³⁵²	19.83	3.54	6.06	49.82	11.21	9.54	131P
Lamar Growing Mash	18.70	3.50	6.50	50.50	-----	-----	537S
Analysis	18.95	3.70	4.65	54.03	10.83	7.84	38J
Lamar Flour Mills, The, Lamar, Colorado.							
Wheat Gray Shorts	17.00	4.00	6.00	65.00	-----	-----	1776D
Analysis	18.54	3.98	4.98	57.53	10.77	4.20	11K
Lamesa Cotton Oil Company, Lamesa, Texas.							
28% Protein Whole-Pressed Cottonseed Pellets	28.00	4.50	23.00	29.00	-----	-----	339A
Analysis ^c	26.29	4.50	19.98	28.99	15.21	5.03	268T
Analysis ^c	26.37	5.46	21.85	33.71	7.52	5.09	628T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.³⁵⁰Deficient in ground oyster shell.³⁵¹Rice bran found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Lamesa Cotton Oil Company, Lamesa, Texas.—Cont'd.							
28% Protein Ground Whole-Pressed Cottonseed	28.00	4.50	23.00	29.00	—	—	339C
Analysis ^a	26.00	6.19	22.01	35.67	5.04	5.09	481S
Analysis ^b	28.20	5.26	22.24	32.97	7.36	3.97	148T
Analysis ^c	19.71	5.00	23.74	39.84	6.75	4.96	583T
43% Protein Cottonseed Meal	43.00	5.20	12.00	23.00	—	—	339E
Analysis ^a	40.00	6.29	11.57	29.42	6.57	6.15	200K
Analysis ^b	41.11	6.95	10.91	27.74	7.28	6.01	184S
Analysis ^c	41.84	7.27	10.23	28.03	6.68	5.95	304S
Analysis ^d	41.39	6.32	10.19	28.02	7.91	6.17	396S
Analysis ^e	42.19	6.23	10.04	28.52	6.75	6.27	423S
Analysis ^f	40.01	7.45	11.02	27.76	7.11	6.65	496S
Lamkin Brothers, Brownwood, Texas.							
Giltedge Brand Growing Mash	16.50	3.50	8.00	52.00	—	—	1822B
Analysis ^g	13.06	2.67	12.74	55.18	9.01	7.34	607W
Giltedge Brand All-Mash Starter	14.00	3.50	5.00	59.00	—	—	1822I
Analysis ^h	15.75	3.87	4.53	62.82	10.13	2.90	606W
Giltedge Brand Egg Mash	19.00	4.00	8.00	49.00	—	—	1822S
Analysis ⁱ	15.93	3.24	12.03	53.46	9.03	6.31	644S
Lapp Laboratories, Inc., Nevada, Iowa.							
Flavex Brand Mixed Feed	11.00	5.00	8.50	51.00	—	—	774C
Analysis ^j	9.31	3.54	5.05	54.89	9.91	17.30	774C
Analysis ^k	11.90	7.27	6.10	46.25	10.35	18.13	81K
Corn Oil Meal, Distillers' Molasses Solubles, Dried Cane Molasses, and Rice Polishings	8.00	0.80	8.00	46.00	—	—	774D
Analysis ^l	16.46	2.30	4.89	56.65	9.06	10.64	255K
Lawler, E. F., Alba, Texas.							
Milo Head Chop	8.50	2.50	8.00	65.00	—	—	618B
Analysis ^m	10.88	2.42	6.46	66.95	9.75	3.54	500M
Lawler Feed Store, San Angelo, Texas.							
Lawler's Cow Feed	17.20	3.50	17.50	44.00	—	—	789B
Analysis	16.31	4.25	17.81	44.35	8.99	8.29	111S
Lawler's Dairy Ration	18.00	3.00	20.00	38.00	—	—	789D
Analysis	18.24	4.16	21.02	37.80	10.72	8.06	563S
Lawrence Hatchery and Feed, Wheeler, Texas.							
Lawrence's Best Egg Mash	20.00	3.50	6.00	46.00	—	—	414A
Analysis	20.95	4.97	7.54	45.77	9.87	10.90	28K
Lawrence's Best 16% Protein Growing Mash	16.00	3.50	6.00	50.00	—	—	414B
Analysis	18.88	4.48	6.16	52.96	10.33	7.19	124K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

³⁵²Tags of wrong denomination attached. Rice hulls found, not claimed. Deficient in alfalfa meal.³⁵³Tags of wrong denomination attached. Deficient in salt.³⁵⁴Deficient on ground oyster shell.³⁵⁵Carbonate of lime found, not claimed.³⁵⁶Salt found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Lawther Mills, W. J., Dallas, Texas.							
Lawther's Dairyman's Own-Mix	19.00	3.00	10.00	48.00	-----	-----	1268A
Analysis	20.30	3.33	9.40	47.94	11.03	8.00	362W
Sure-Nuff Brand Cow Feed	21.00	3.50	12.00	45.00	-----	-----	1268G
Analysis ³⁵⁷	21.92	3.56	9.83	46.36	10.67	7.66	9S
Sure-Nuff Brand Horse and Mule Feed	10.00	2.50	8.00	61.00	-----	-----	1268B7
Analysis	11.34	2.99	6.81	63.40	11.57	3.89	580W
Sure-Nuff Brand Big 5 Laying Mash Pellets	20.00	3.50	8.00	44.50	-----	-----	1268D6
Analysis ^a	23.16	3.50	7.83	45.09	10.77	9.65	48P
Sure-Nuff Brand Big 5 Laying Mash Pellets	20.00	3.50	8.00	45.00	-----	-----	1268D6
Analysis ⁱ	22.06	3.62	7.70	47.69	10.32	8.61	489W
Sure-Nuff Brand Big 5 Laying Mash	20.00	3.50	8.00	44.50	-----	-----	1268E6
Analysis ³⁵⁸	18.41	3.75	8.05	51.34	10.43	8.02	172T
Sure-Nuff Brand Range Feed Cubes	16.00	2.50	7.20	53.00	-----	-----	1268E8
Analysis ³⁵⁹	16.18	2.69	6.50	56.22	10.89	7.52	281S
Analysis ³⁶⁰	16.66	2.65	6.39	56.63	10.78	6.89	291T
Lawther's 32% Protein Supplement for Dairy Cows	32.00	3.50	8.50	35.00	-----	-----	1268F3
Analysis ³⁶⁰	34.20	3.55	7.75	36.66	9.21	8.63	374M
Queen-of-Dixie Brand Egg Laying Mash with Cod Liver Oil	19.00	3.80	7.00	50.00	-----	-----	1268G1
Analysis ^a	21.28	4.15	7.56	49.17	9.17	8.67	81T
Queen-of-Dixie Brand Egg Laying Mash with Oil	19.00	3.80	7.00	50.00	-----	-----	1268G1
Analysis	20.66	3.67	7.25	49.35	10.18	8.89	477T
Farmers Big Six Sweet Feed (for Horses and Mules)	10.00	3.00	9.20	57.00	-----	-----	1268G2
Analysis ³⁶²	10.93	2.73	8.79	55.23	13.77	8.55	24J
Analysis	12.32	2.64	7.85	56.82	11.00	9.37	50J
Analysis	10.70	3.45	8.63	54.46	11.71	11.05	375M
Lawmi 9% Protein Sweet Feed	9.00	2.00	17.00	50.00	-----	-----	1268H8
Analysis	8.59	1.58	17.58	52.27	13.60	6.38	486W
Lawther's 24% Protein Dairy Feed	24.00	3.30	10.00	40.00	-----	-----	1268I5
Analysis ³⁶³	24.68	2.58	9.51	44.21	10.69	8.33	25W
Alfalfa Stem Meal, Ground Milo Heads, and Molasses	8.00	1.00	30.00	40.00	-----	-----	1268I9
Analysis	9.57	.97	27.63	42.49	12.33	7.01	512T
Leger Mill Company, Altus, Oklahoma.							
Big J Laying Mash	18.00	3.70	7.00	46.00	-----	-----	109C
Analysis ³⁶¹	18.30	4.21	5.26	53.55	11.08	7.60	159K
Analysis	18.50	4.35	5.53	52.79	11.20	7.63	192T
Wheat Mixed Feed and Screenings	16.00	3.50	8.50	52.00	-----	-----	109D
Analysis	18.43	4.40	8.11	52.48	10.75	5.83	269T
Wheat Bran and Screenings	14.50	3.00	10.00	50.00	-----	-----	109I
Analysis ^{362b,c}	18.43	4.69	6.92	54.47	10.59	4.90	59J

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.³⁵⁷Deficient in ground limestone.³⁵⁸Excess of salt found.³⁵⁹Deficient in ground oyster shell.³⁶⁰Deficient in ground oyster shell and salt.³⁶¹Deficient in salt and excess of ground limestone found.³⁶²Wheat brown shorts and screenings.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Leger Mill Company, Altus, Oklahoma.—Cont'd.							
Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00	—	—	109M
Analysis ^{362c}	18.79	4.33	7.06	53.07	11.62	5.08	147K
Analysis ^{362c}	18.96	4.63	7.03	52.81	11.67	4.90	159T
Analysis ^{362c}	18.92	4.58	6.84	52.00	12.44	5.22	248T
Analysis	18.09	4.01	6.25	54.33	11.27	6.05	611T
All-Mash Starter	17.00	3.50	6.00	45.00	—	—	109N
Analysis*	19.13	4.87	5.02	51.87	10.46	8.65	155K
Leverett & Williamson Feed Company, Paris, Texas.							
Milo Head Chop	8.50	2.50	8.00	65.00	—	—	1177A
Analysis ^{36a}	9.40	2.53	6.33	68.26	10.60	2.88	17P
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00	—	—	1177B
Analysis ^{36a}	7.83	3.07	11.11	65.30	10.74	1.95	41J
Lewis & Bros. Company, John T., Philadelphia, Pennsylvania.							
Dutch Boy 32% Protein Linseed Meal	32.00	4.50	10.00	35.00	—	—	1363B
Analysis ^a	32.24	6.12	8.67	37.30	10.27	6.00	11M
Lewisville Feed Mill, Lewisville, Texas.							
Hi-Lo Egg Mash	18.00	3.50	8.00	49.00	—	—	989T
Analysis	19.47	3.95	7.41	49.49	9.99	9.69	104T
Sunshine Brand Broiler Mash	19.00	3.60	6.00	50.00	—	—	989Q
Analysis	19.80	4.16	5.45	53.45	9.33	7.81	623T
Sunshine Brand Chick Starter	17.00	3.50	6.50	52.00	—	—	989R
Analysis	18.39	4.31	5.98	55.23	9.54	6.55	297T
Sunshine Brand Egg Mash	18.00	3.50	8.00	47.00	—	—	989S
Analysis	19.75	4.38	7.18	50.29	8.72	9.68	298T
Sunshine Brand 18% Protein Dairy Feed	18.00	3.20	13.00	46.00	—	—	989U
Analysis	16.47	4.09	13.52	46.82	10.45	8.65	199T
Sunshine Brand Pullet Developer	15.50	3.50	7.50	54.00	—	—	989A1
Analysis	15.65	3.76	7.03	57.45	9.46	6.65	622T
Liberty Mills, San Antonio, Texas.							
Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00	—	—	1E
Analysis	17.77	3.75	5.67	56.61	12.31	3.89	151H
Analysis	17.90	4.19	6.02	56.02	11.46	4.41	121M
Analysis ^{363c}	17.75	3.66	6.31	56.25	11.79	4.24	225M
Analysis	18.66	3.15	4.73	58.55	11.44	3.47	284M
Doo-Lay Brand Laying Mash	19.00	3.70	8.00	46.50	—	—	1G
Analysis	19.74	4.56	6.76	52.51	9.71	6.72	101H
Analysis ³⁶⁴	19.52	4.30	7.00	52.24	10.73	6.21	126H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

^{362c}Wheat brown shorts and screenings.^{363c}Wheat brown shorts and screenings.³⁶⁴Deficient in ground limestone.

Table 13. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					Regis- tration or In- spection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	
Liberty Mills, San Antonio, Texas.—Cont'd.						
Hearts Delight Brand Turkey Growing Mash	19.00	3.60	7.50	47.00		1R
Analysis ³⁶⁵	23.55	5.59	5.64	46.23	10.56	279H
Liberty Bell 31.50% Protein Supplement for Pigs	31.50	4.30	10.20	29.00		1Y
Analysis ³⁶⁶	28.10	4.99	8.34	34.85	10.39	276H
Liberty Special Laying Mash	18.00	3.50	6.00	50.50		1B1
Analysis	19.00	3.55	4.59	55.44	10.89	201H
Analysis	18.52	2.59	4.53	55.42	11.78	401H
Analysis ³⁶⁷	19.35	3.05	4.87	52.90	11.34	446M
Liberty Special Laying Mash Pellets	18.00	3.50	6.00	50.50		1B7
Analysis ³⁶⁸	18.90	3.27	5.59	53.85	9.91	476H
Doo-Lay Brand Laying Mash Pellets	20.00	3.70	8.00	46.50		1B8
Analysis ³⁶⁹	19.10	3.82	7.47	53.57	8.51	475H
Hearts Delight Brand 24% Pro- tein Dairy Feed	24.00	3.00	12.00	41.50		1C3
Analysis	22.45	3.08	9.51	43.37	11.73	344H
Hearts Delight Brand All-Mash Starter with Buttermilk and Cod Liver Oil	17.50	4.00	6.00	48.00		1C4
Analysis	18.60	3.26	5.93	54.13	10.14	349H
Analysis ³⁶⁷	18.20	4.09	6.24	53.37	9.91	459M
Hearts Delight Brand Turkey Starter with Buttermilk and Cod Liver Oil	23.00	3.50	6.50	41.50		1C5
Analysis	21.50	4.35	5.17	46.56	11.03	278H
Hearts Delight Brand Horse and Mule Feed	10.00	3.20	10.50	58.00		1D1
Analysis	12.13	5.08	8.73	59.55	10.44	458M
Hearts Delight Brand Broiler Mash	16.30	4.00	6.80	52.50		1D7
Analysis	18.85	4.80	6.06	51.35	11.45	280H
Analysis	18.90	4.14	5.72	54.60	9.62	373H
Liberty Special Sweet Feed	9.00	1.50	31.50	36.50		1D8
Analysis	8.34	1.76	31.93	41.88	8.18	78H
Analysis ³⁷⁰	11.37	3.56	25.44	38.90	12.88	177H
Analysis ³⁷¹	10.05	1.90	29.68	36.56	11.98	412H
Hearts Delight Brand Hog Feed	15.00	3.00	6.50	56.00		1F5
Analysis	16.93	3.03	6.11	55.84	11.90	277H
Kafir Meal	10.00	2.50	3.00	70.00		1G5
Analysis	10.30	2.75	2.02	70.06	12.30	2J
Light Grain & Milling Company, The, Liberal, Kansas.						
Wheat Gray Shorts	17.00	4.00	5.50	55.00		152A
Analysis	17.80	3.77	3.78	59.52	11.09	16K
Analysis ^a	17.60	4.43	4.54	57.87	12.08	258K
Analysis ^a	16.34	4.15	4.13	59.67	11.56	271K
Wheat Bran and Scourings	14.50	3.00	10.00	53.00		152B
Analysis ^b	16.60	3.89	8.48	53.73	11.20	96K

³⁶⁵Linseed meal found, not claimed.³⁶⁶Cottonseed meal claimed, not found. Soybean oil meal, corn meal, and ground limestone found, not claimed.³⁶⁷Excess of ground limestone found.³⁶⁸Excess of ground limestone and salt found.³⁶⁹Corn gluten feed found, not claimed.³⁷⁰Deficient in ground limestone and excess salt found.³⁷¹Excess of ground limestone found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Light Grain & Milling Company. The Liberal, Kansas—Cont'd.							
Red Diamond Chick Starter Mash	18.50	4.50	5.80	52.90	—	—	152K
Analysis	17.82	4.05	6.17	52.36	11.18	8.42	97K
Red Diamond Egg Mash	19.00	3.50	6.00	50.00	—	—	152L
Analysis ³⁷²	19.00	3.69	4.97	53.85	9.32	9.17	14K
Enner-Jee Brand Egg Mash	18.00	3.60	6.60	49.00	—	—	152N
Analysis	15.83	3.39	6.90	55.18	11.22	7.48	89K
Red Diamond Growing Mash	17.00	4.30	6.00	54.50	—	—	152P
Analysis ³⁷³	18.04	3.48	5.89	55.02	9.98	7.59	250K
Lindner Feed and Milling Company, Comfort, Texas.							
Lindner's Four Star Brand Growing Mash	16.00	3.60	7.00	50.00	—	—	1227G
Analysis ³⁷⁴	17.16	3.93	6.19	56.26	9.36	7.10	15J
Lindner's Four Star Brand Laying Mash	20.00	3.50	6.00	46.00	—	—	1227H
Analysis ³⁷⁵	20.58	5.58	6.53	46.46	10.21	10.64	189H
Analysis	20.80	5.83	6.13	46.82	9.23	11.19	14J
Lin-Oak Feed Company, Houston, Texas.							
Health Brand Dairy Feed	17.00	4.00	15.00	38.50	—	—	665A
Analysis ³⁷⁶	17.90	4.56	13.38	44.34	10.91	8.91	171M
Health Brand Laying Mash	20.00	3.70	6.00	45.00	—	—	665B
Analysis	24.50	6.00	5.33	44.23	9.80	10.14	172M
Lisbon Feed Company, Dallas, Texas.							
Sunbeam Brand 18% Protein Cow Feed	18.00	3.80	11.00	50.00	—	—	766E
Analysis ³⁷⁷	18.45	4.56	9.79	50.37	9.91	6.92	444T
Little York Feed Store, Houston, Texas.							
Nick's 16% Protein Dairy Ration	16.00	4.00	20.00	35.50	—	—	743B
Analysis ³⁷⁸	16.62	4.73	19.25	39.90	12.33	7.17	103M
Lochte Storage & Commission pany, Fredericksburg, Texas.							
Guffy Brand Cow Feed	19.00	4.00	11.00	49.00	—	—	2547C
Analysis	18.75	4.99	10.95	48.46	10.40	6.45	115H
Analysis	19.08	4.47	10.26	49.17	10.70	6.32	260H
Lochte Laying Mash	20.00	3.50	7.40	45.10	—	—	2547D
Analysis	20.28	6.01	6.91	46.31	9.97	10.52	259H
Lockhart Oil & Gin Company, Lockhart, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	—	—	821B
Analysis ³⁷⁹	42.23	6.04	11.34	28.17	6.18	6.04	75H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

³⁷²Deficient in ground limestone.³⁷³Fish meal claimed, not found.³⁷⁴Fish meal claimed, not found. Meat and bone scraps found, not claimed.³⁷⁵Excess of salt found.³⁷⁶Deficient in ground limestone.³⁷⁷Ground limestone found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Logan Feed & Hatchery, Big Spring, Texas.							
Economy Brand Growing Mash	17.00	4.00	8.50	48.00	-----	-----	858F
Analysis	19.09	4.88	6.52	52.37	9.14	8.00	545S
24% Protein Dairy Feed	24.00	4.00	10.50	42.00	-----	-----	858G
Analysis	23.45	4.35	10.10	42.16	12.33	7.61	79S
Logan's All-Mash Chick Starter	17.00	3.50	7.00	50.00	-----	-----	858X
Analysis ^b	16.77	4.79	6.28	56.24	10.99	4.93	476S
Special Sweet Feed	11.00	2.40	13.00	49.00	-----	-----	858Z
Analysis ^{37S}	8.66	.87	13.36	53.29	13.29	10.53	160S
Analysis ^{37S}	10.56	2.20	11.91	53.26	11.10	10.97	451S
Big 9 Brand Laying Mash	20.50	3.60	6.50	44.00	-----	-----	858A1
Analysis	23.57	4.35	5.45	46.75	8.75	11.13	10S
Analysis	22.24	5.26	5.34	45.60	8.36	13.20	635S
Longview Cotton Oil Company, Longview, Texas.							
41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00	-----	-----	604K
Analysis	40.76	5.46	11.11	28.13	7.81	6.73	558T
Louisiana State Rice Milling Company, Inc., Abbeville, Louisiana, and Branches.							
Water Maid Rice Polishings	11.00	10.00	2.50	52.00	-----	-----	2066C
Analysis	11.40	10.16	1.89	59.08	10.58	6.89	178M
Water Maid Rice Bran	12.00	12.00	12.00	42.00	-----	-----	2066D
Analysis ^{37S}	13.51	15.76	10.65	38.25	9.20	12.63	182P
Lovitt & Company, L. B., Memphis, Tennessee.							
"Lovit Brand" 43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00	-----	-----	1350A
Analysis	43.28	5.33	8.69	28.06	7.94	6.70	10J
Analysis ^a	42.30	6.41	9.11	27.03	8.63	6.52	434M
Analysis	43.58	5.21	9.45	28.24	7.12	6.40	613S
Analysis	42.65	4.83	11.00	28.40	6.57	6.55	593T
Analysis	42.68	4.67	11.39	27.74	7.04	6.48	597W
"Lovit Brand" 41.12% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00	-----	-----	1350B
Analysis	41.31	5.15	11.54	29.51	6.13	6.36	548M
Analysis	41.13	5.23	10.83	29.15	7.18	6.48	115P
Analysis	40.65	5.78	10.54	28.48	7.98	6.57	97T
Analysis ^a	40.59	6.25	9.97	28.06	8.27	6.86	98T
Analysis	41.40	6.24	11.05	26.79	7.69	6.83	366W
Analysis ^a	40.23	5.33	11.77	28.55	7.57	6.55	626W
"Lovit Brand" 41% Protein Cot- tonseed Cake	41.00	5.00	12.00	25.00	-----	-----	1350D
Analysis ^a	41.05	5.54	10.53	28.78	7.02	7.08	353S
Lubbock Cotton Oil Company, Lubbock, Texas.							
Lucko Brand 43% Protein Cot- tonseed Meal	43.00	5.20	12.00	25.00	-----	-----	372B
Analysis ^c	39.89	7.22	11.65	29.59	5.35	6.30	228S
Analysis ^{c380}	39.85	6.45	11.80	31.22	4.29	6.39	266S
Analysis ^c	39.80	6.03	10.45	29.46	8.33	5.93	G
Analysis	43.20	6.62	9.53	28.10	5.97	6.58	J
Analysis ^c	42.39	6.83	9.22	27.52	7.67	6.37	M
Analysis	44.89	6.87	7.10	27.27	7.27	6.60	P
Analysis ³⁸⁰	43.99	5.96	8.19	29.19	5.88	6.79	R
Analysis	45.15	5.98	6.96	28.53	6.77	6.61	S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

^{37S}Excess of ground oyster shell found.^{37S}Carbonate of lime present.³⁸⁰Off quality.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Lubbock Grain & Feed Company, Lubbock, Texas.							
Diamond-Dot Laying Mash with Cod Liver Oil	19.00	4.00	7.00	47.00			2430O
Analysis	17.60	3.95	7.37	52.36	11.12	7.60	229S
Lufkin Milling Company, Lufkin, Texas.							
Corn Bran	8.00	5.00	12.00	60.00			672A
Analysis	9.65	6.44	6.89	64.87	10.54	1.61	130M
Corn Chop	9.00	3.50	3.00	70.00			672B
Analysis	8.41	4.22	2.18	71.40	12.74	1.05	131M
Lyons' Feed Store, Houston, Texas.							
Lyons' 24% Protein Dairy Feed	24.00	5.50	10.00	34.00			533A
Analysis	27.02	6.68	9.54	37.47	9.14	10.15	23M
Lyons' Special Horse and Mule Feed	12.00	3.00	13.00	52.00			533C
Analysis ^{ss1}	11.94	4.08	10.96	55.52	11.78	5.72	22M
Analysis	13.00	3.44	9.45	57.04	12.03	5.04	402M
Lyons' Big V Dairy Feed	18.00	3.40	15.00	43.00			533D
Analysis	19.60	4.28	13.42	45.51	10.10	7.09	289M
Jack's Special Dairy Feed	19.00	3.00	15.00	40.00			533F
Analysis	22.14	3.83	12.20	43.34	9.58	8.91	467M
Lysle Milling Company, The J. C., Leavenworth, Kansas.							
White Crest Wheat Gray Shorts	16.00	3.50	6.00	55.00			196G
Analysis	17.10	3.65	5.27	57.49	12.33	4.16	35J
Analysis	16.70	4.18	6.00	56.71	11.84	4.57	128P
Analysis	17.10	3.74	5.28	58.12	12.08	3.68	475W
McAdams, T. J., Celina, Texas.							
Cel-Tex Egg Mash	18.80	3.60	7.50	49.00			1729F
Analysis	21.46	4.36	6.58	50.01	10.16	7.43	118T
McClung, W. A., Edna, Texas.							
Growing Mash	19.00	4.00	7.00	48.00			1434A
Analysis	20.50	5.57	6.46	46.13	11.23	10.11	429M
Laying Mash	20.30	3.70	8.00	45.50			1434B
Analysis	20.14	5.13	8.13	47.08	10.71	8.81	116M
Analysis	22.58	4.86	6.79	45.72	9.30	10.75	522M
McCulloch County Cotton Oil Mill, Brady, Texas.							
Cotton Bloom Brand 43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00			1047D
Analysis ^c	42.12	5.83	12.76	26.38	7.33	5.58	169W
Cotton Bloom Brand 43% Protein Cottonseed Cake	43.00	5.20	12.00	25.00			1047E
Analysis	44.65	5.28	11.12	26.91	6.20	5.84	120S
Analysis ^c	41.90	5.30	12.87	26.80	7.63	5.50	206S
Analysis ^c	42.33	5.45	11.97	26.51	8.14	5.60	207S
Analysis ^c	41.75	5.33	11.83	25.90	8.80	6.39	172W
Analysis	44.80	6.22	11.23	25.08	6.92	5.75	283W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

^{ss1}Milo meal found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
McCulloch County Cotton Oil Mill Brady, Texas—Continued.							
Cotton Bloom Brand 44% Protein Supplement for Hogs	44.00	6.50	10.00	16.50			1047K
Analysis	44.95	6.91	9.98	18.72	5.91	13.53	427W
Cotton Bloom Brand Laying Mash	21.00	4.00	7.00	44.00			1047R
Analysis	22.64	4.92	7.31	46.11	9.09	9.93	617S
Cotton Bloom Brand 24% Protein Dairy Feed	24.00	4.50	10.00	41.00			1047T
Analysis	25.69	4.51	11.22	40.37	9.61	8.60	616S
Cotton Bloom Brand 16% Protein Dairy Feed	16.00	3.50	12.00	46.50			1047U
Analysis	16.88	3.78	12.41	45.35	12.13	9.45	568S
Ground Peanut Hay	10.00	3.50	24.00	44.00			1047V
Analysis	10.30	4.63	29.47	32.06	11.12	12.42	504S
Panther Brand Sweet Feed	9.00	1.70	16.50	49.50			1047W
Analysis	10.43	2.02	14.75	50.92	10.73	11.15	615W
Cotton Bloom Brand 12% Protein Buck 'N' Bull Feed	12.00	3.00	9.00	56.00			1047X
Analysis	13.49	4.11	7.51	57.50	10.72	6.67	533W
Consumer's Special Egg Mash Pellets	18.00	4.00	6.00	56.00			1047A2
Analysis ¹	17.42	3.93	6.56	52.85	10.74	8.50	493T
Cotton Bloom Brand Chick Starter	19.00	4.00	5.50	52.00			1047B5
Analysis	19.82	4.96	5.44	52.59	10.44	6.75	508S
Cotton Bloom Growing Mash	18.50	4.00	5.50	53.00			1047B6
Analysis ²	18.19	4.33	5.48	54.69	11.15	6.16	567S
Cotton Bloom Brand Starter and Broiler Mash	18.50	4.00	5.50	53.00			1047B7
Analysis	19.13	4.93	5.40	53.52	10.33	6.69	509S
McDonald Feed Mill, Rising Star, Texas.							
Cow Feed	16.00	3.50	13.50	46.00			2266C
Analysis	15.82	4.16	12.29	49.26	9.94	8.53	411W
McDonald Feed Store, E. M., Merkel, Texas.							
Egg Mash	18.00	3.50	5.50	51.50			2218F
Analysis	19.94	3.20	3.78	55.25	9.58	8.25	7S
Growing Mash	16.00	3.50	7.00	52.50			2218H
Analysis ³	16.10	3.50	4.11	57.30	10.14	8.85	591S
McDonald's Hatchery, Dallas, Texas.							
McDonald's Special Starting Mash	17.00	3.50	7.00	50.00			1108B
Analysis ⁴	19.17	3.59	5.34	53.35	10.65	7.90	588W
McDonald's Special Growing Mash	16.00	3.50	8.00	50.00			1108C
Analysis ⁵	19.20	4.25	7.88	51.05	9.80	7.82	375W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁸⁸²Deficient in ground oyster shell.⁸⁸³Ground whole oats and milo meal found, not claimed.⁸⁸⁴Fish meal claimed, not found.⁸⁸⁵Deficient in ground oyster shell.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
McIver Feed & Milling Company, San Antonio, Texas.							
50% Protein Meat and Bone Meal	50.00	6.00	3.00	0.00			1725F
Analysis ^{b,c}	43.73	11.22	1.30	1.10	7.77	29.83	79H
Analysis ^{b,38c}	45.40	12.52	1.79	.49	6.50	33.30	124H
Analysis ^b	46.61	10.13	1.66	1.39	6.38	33.83	217H
Analysis	46.90	12.32	2.73	.00	6.40	31.59	278M
48% Protein Meat and Bone Meal	48.00	6.00	3.00	0.00			1725A6
Analysis	46.00	13.98	1.65	1.14	7.52	29.71	363H
Magnolia Provision Company, Houston, Texas.							
43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00			719A
Analysis ^{b,38c}	41.90	6.8	11.02	24.30	8.61	6.73	493M
Magnolia Brand 28% Protein Whole-Pressed Cottonseed	28.00	5.00	23.00	29.00			719D
Analysis	28.20	5.74	24.58	29.20	7.58	4.70	82M
Analysis ^c	27.36	5.71	25.23	31.07	5.66	4.97	268M
Mareks Hatchery, Columbus, Texas.							
Chick Starter	18.50	3.50	7.00	51.00			1649A
Analysis	18.98	4.05	4.95	53.88	11.83	6.31	453M
Chick Growing Mash	16.50	3.60	6.80	51.50			1649B
Analysis	17.52	4.17	5.55	54.08	12.18	6.50	454M
Breeder Laying Mash	20.00	3.50	7.00	49.00			1649C
Analysis	20.52	4.43	5.65	50.35	11.17	7.88	452M
Marianna Sales Company, Memphis, Tennessee.							
White Mule Brand 43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			1371A
Analysis	44.08	6.39	10.69	25.70	6.87	6.27	107M
Analysis	42.91	6.77	10.77	27.38	6.36	5.81	42S
Analysis	42.03	5.50	10.08	28.83	7.12	6.44	591T
Marlin Oil Company, The, Marlin, Texas.							
43% Protein Cottonseed Cake	43.00	6.00	12.00	23.00			514F
Analysis	42.88	5.54	9.96	27.01	8.58	6.03	177W
Analysis	40.54	6.14	9.4	26.72	7.63	5.95	290W
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			514G
Analysis	43.20	6.66	9.69	26.10	8.35	6.00	258H
Analysis	44.01	5.91	9.23	26.41	8.60	5.84	336H
Analysis ^c	42.44	6.98	8.92	27.50	8.03	6.13	19W
Analysis ^c	42.08	6.60	9.76	27.28	8.15	6.13	39W
Analysis	43.23	6.62	9.89	27.45	7.03	5.78	101W
Analysis ^c	42.36	6.80	9.62	26.60	8.60	6.02	106W
Analysis	42.32	6.83	10.36	26.16	7.85	5.98	178W
Analysis	42.70	6.99	9.60	26.48	8.27	5.96	282W
Analysis ^c	42.19	5.29	10.15	27.92	7.79	6.66	554W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.
^{38c}Used in compounding mixed feed.
^{38T}Of quality.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Marquez, Secundino, Eagle Pass, Texas.							
Wheat Gray Shorts	17.00	4.00	6.00	55.00			735B
Analysis ^{388c}	17.00	6.79	6.47	54.85	10.61	4.28	173H
Analysis ^{388c}	18.95	4.68	6.80	54.15	10.84	4.58	265H
Marshall Cotton Oil Company, Marshall, Texas.							
41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00			1720B
Analysis	40.65	6.49	10.33	27.41	8.76	6.36	52J
41.12% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00			1720J
Analysis	41.80	6.99	10.03	27.07	7.83	6.28	68P
Moco Mixed Feed	11.80	1.70	38.00	36.00			1720N
Analysis	11.66	1.79	37.56	38.16	7.50	3.33	136M
Marshall Mill & Elevator Company, Marshall, Texas.							
Ground Whole Oats	11.00	4.00	12.00	58.00			250L
Analysis	12.19	4.20	10.76	57.76	10.78	4.31	53P
Analysis	13.24	3.39	7.66	60.28	10.53	4.90	557T
Acorn Horse and Mule Feed, Heavy with Oats	10.00	3.50	9.36	60.06			250O
Analysis ³⁸⁹	11.48	3.63	7.92	61.00	11.77	4.20	67M
Texas Sweet Stock Feed	9.00	2.00	15.00	55.00			250S
Analysis	10.98	2.38	13.58	56.28	9.60	7.18	616W
Acorn 24% Protein Dairy Feed	24.00	4.50	10.00	43.00			250T
Analysis ³⁹⁰	25.52	4.37	8.19	43.63	11.20	7.09	53J
Analysis ³⁹¹	25.11	4.23	9.57	44.58	10.17	6.34	63M
Analysis	25.00	4.31	9.11	44.82	9.73	7.03	351W
Analysis ³⁹⁰	26.71	4.52	8.59	43.33	9.58	7.27	642W
Acorn Starting Mash	18.00	4.40	5.30	48.00			250A8
Analysis	22.00	5.06	5.82	48.33	8.01	10.78	493W
Acorn Growing Mash	18.00	4.00	5.00	51.50			250B1
Analysis	21.43	4.74	4.54	49.62	9.92	9.75	220M
Texla Laying Mash	19.40	3.80	7.80	46.00			250B4
Analysis ³⁹²	22.51	3.41	7.72	48.07	10.57	7.72	209H
Analysis ³⁹²	21.67	3.54	7.02	50.45	10.02	7.30	339M
Analysis	21.43	4.78	6.99	49.78	9.93	7.09	66T
Analysis	21.62	3.45	6.44	51.46	9.15	7.88	591W
Ground Whole Barley	11.00	1.50	6.00	65.00			250B7
Analysis	12.15	2.18	4.88	66.79	11.40	2.60	217M
Special Five Laying Mash	20.50	3.50	7.40	44.60			250C6
Analysis ^a	21.86	5.44	7.04	45.42	9.46	10.78	62M
Analysis ^{j393}	21.14	5.69	6.65	46.48	10.07	9.97	11W
Acorn 36% Protein Supplement for Hogs	36.00	4.30	6.70	27.00			250D7
Analysis ³⁹⁴	31.16	4.06	7.59	31.66	8.52	17.01	492M
Analysis	33.20	3.90	6.32	30.99	8.72	16.87	572W
Acorn Cattle Cubes	17.40	4.20	7.00	48.00			250E1
Analysis ³⁹⁴	20.28	4.56	5.59	51.78	11.59	6.20	204H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

³⁸⁸Wheat brown shorts.³⁸⁹Cottonseed meal found, not claimed.³⁹⁰Brewers' dried grains claimed, not found.³⁹¹Deficient in ground limestone.³⁹²Deficient in ground oyster shell.³⁹³Manganese sulphate found, not claimed. Excess of salt found.³⁹⁴Deficient in ground limestone.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Marshall Mill & Elevator Company, Marshall, Texas—Cont'd.							
Special Growing Mash	17.50	3.50	6.50	52.00			250G3
Analysis ³⁹⁵	20.75	4.53	5.09	51.79	8.19	9.65	396M
Analysis	19.83	3.34	6.75	52.50	10.09	7.49	539W
Acorn 34% Protein Egg Mash							
Supplement	34.00	4.40	6.30	24.40			250H3
Analysis ³⁹⁶	35.20	5.49	6.09	29.38	8.23	15.61	135H
Analysis ³⁹⁷	35.46	3.40	6.97	27.93	8.99	17.25	205H
Analysis	36.76	5.41	6.51	24.97	8.68	17.67	156W
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			250H6
Analysis	43.49	5.80	9.28	27.47	7.18	6.78	69M
41.12% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00			250H7
Analysis	40.68	6.02	11.01	27.65	8.15	6.49	64M
Analysis ³⁹⁸	39.54	5.55	12.94	27.49	8.09	6.39	80P
Analysis	41.18	6.92	9.32	26.77	9.63	6.18	87P
Analysis	41.42	6.05	11.03	28.18	7.01	6.31	353T
41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00			250I3
Analysis	41.57	5.70	11.15	27.68	7.24	6.66	159P
Acorn Stock Feed	12.50	2.50	4.60	61.40			250I4
Analysis	14.03	3.27	4.49	61.87	12.05	4.29	503W
Martin Feed Mill, Nocona, Texas.							
Nocona Egg Mash	19.00	3.70	8.00	46.00			2273F
Analysis ³⁹⁸	19.35	5.35	7.46	47.63	9.62	10.59	319T
41.12% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00			2273I
Analysis	37.38	5.73	12.65	29.75	8.59	5.90	318T
Nocona Dairy Feed No 3	19.00	4.00	11.00	47.00			2273K
Analysis	20.45	4.59	8.70	50.91	8.95	6.40	603T
Martin-Lane Company, Vernon, Texas.							
Ground Whole Oats	11.00	4.00	12.00	58.00			1902C
Analysis	11.20	5.30	10.87	60.05	9.08	3.50	258T
Crown Quality Brand All-Mash Starter	16.00	3.50	5.00	53.00			1902E
Analysis	14.80	3.43	4.63	59.36	11.54	6.24	123K
Analysis	16.80	3.31	5.08	57.36	10.46	6.99	407T
Martin's Big Vee Brand Laying Mash	18.50	3.50	6.00	45.50			1902F
Analysis	19.50	3.50	5.69	52.61	10.63	8.07	156K
Analysis	19.16	4.49	5.21	53.05	11.27	6.82	116T
Analysis	18.90	3.32	5.39	52.59	11.61	8.19	260T
Crown Quality Brand Growing Mash	17.80	3.50	5.50	51.00			1902H
Analysis	16.95	3.23	4.60	56.80	11.17	7.25	145K
Crown Quality Brand Laying Mash	20.00	3.50	6.50	45.00			1902J
Analysis	17.60	3.51	4.90	54.63	11.10	8.26	146K
Analysis	19.34	3.50	6.65	50.63	9.34	10.54	408T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

³⁹⁵Linseed meal and dried buttermilk found, not claimed. Excess of ground oyster shell found.³⁹⁶Deficient in ground oyster shell.³⁹⁷Deficient in ground oyster shell.³⁹⁸Excess of salt found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Martin-Lane Company, Vernon, Texas—Continued							
Bunk-O Cow Feed	16.00	2.80	17.50	45.00	—	—	1902K
Analysis	14.19	2.36	12.88	50.91	10.72	8.94	267K
Alfalfa Meal	18.00	1.50	33.00	35.00	—	—	1902Q
Analysis	13.93	2.25	30.20	37.28	8.34	8.00	226K
Trail Driver 9% Protein Sweet Feed	9.00	1.80	15.00	53.50	—	—	1902W
Analysis	13.85	2.18	14.18	47.91	10.54	11.34	29K
Analysis ³⁹⁰	12.92	2.76	13.64	52.02	9.86	8.80	540T
Full-Pail Brand 20% Protein Dairy Ration	20.00	2.50	19.00	38.00	—	—	1902B4
Analysis	16.90	2.58	12.73	47.97	11.45	8.37	127K
50% Protein Meat and Bone Meal	50.00	5.50	2.00	1.00	—	—	1902C3
Analysis ^c	49.41	9.17	2.65	2.73	7.70	28.34	381S
Analysis	50.73	11.33	1.43	3.07	7.23	26.21	156T
Analysis ^{c400}	49.30	11.88	1.70	3.97	6.96	26.19	419T
Analysis ^c	48.57	11.44	3.92	2.29	7.11	26.67	528T
Crown Quality Brand 40% Protein Supplement for Hogs	40.00	5.00	8.00	20.00	—	—	1902E4
Analysis	40.05	5.43	6.26	27.78	9.28	11.20	170K
Marvin's Feed Store, Mason, Texas.							
Marvin Lange's Dairy Feed	20.00	4.00	14.80	41.00	—	—	486A
Analysis ^{k401}	19.97	4.39	15.38	43.05	9.86	7.35	43S
Matyastik & Sons, Cameron, Texas.							
Corn Chop	9.00	3.50	3.00	70.00	—	—	2271B
Analysis	9.10	4.29	2.20	72.69	10.34	1.38	157W
Mayfield Feed & Grain Company, Dalhart, Texas.							
Mayfield's Texacream Brand Growing Mash	17.60	3.50	6.00	53.50	—	—	1530B
Analysis ⁴⁰²	19.01	3.39	4.75	55.88	10.95	6.02	373S
Texacream Brand Laying Mash	18.50	3.50	6.00	49.00	—	—	1530G
Analysis	20.04	3.31	5.26	55.07	9.23	7.09	7K
Cacklay Brand Laying Mash	18.00	3.50	7.50	52.40	—	—	1530S
Analysis	18.29	3.88	5.34	55.24	9.10	8.15	242K
Mayfield's Texacream Brand Steer Pellets	17.00	3.50	8.00	49.00	—	—	1530T
Analysis	17.30	3.15	5.37	52.69	13.13	8.36	258S
Mayfield's Economy Brand Cow Feed	10.00	1.60	34.00	35.50	—	—	1530X
Analysis ⁴⁰³	9.41	2.38	27.49	43.76	9.25	7.71	245K
Cacklay Brand Laying Mash Pellets	18.00	3.50	7.50	52.40	—	—	1530A9
Analysis ⁴⁰⁴	18.80	3.42	5.45	54.02	12.69	5.62	374S
Texacream Brand Dairy Feed	18.20	3.00	8.30	50.00	—	—	1530B8
Analysis ⁴⁰⁵	19.69	2.99	7.03	52.03	9.97	8.29	12K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

³⁹⁰Alfalfa leaf meal found, not claimed. Ground limestone substituted for ground oyster shell.⁴⁰⁰Carbonate of lime present.⁴⁰¹Milo meal found, not claimed. Rice bran, ground peanut hay, and ground rice hulls claimed, not found.⁴⁰²Deficient in ground limestone and excess of salt found.⁴⁰³Deficient in ground limestone.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Mayfield Feed & Grain Company, Dalhart, Texas—Cont'd.							
Mayfield's Just-Rite Brand							
Chick Starter	17.00	3.50	6.50	53.50			1530D3
Analysis*	18.00	4.05	5.10	56.51	10.59	5.75	90K
Mayfield's Big M Brand Laying Mash	18.00	3.50	7.00	48.00			1530D8
Analysis	21.00	3.51	5.66	51.82	10.32	7.69	43K
Mayfield Park Feed Store, San Antonio, Texas.							
Growing Mash	16.00	3.60	6.20	53.00			1965A
Analysis	16.90	4.83	5.37	55.43	10.51	6.96	39H
X Laying Mash	19.50	4.00	6.50	49.00			1965K
Analysis ⁴⁰⁴	20.40	5.88	5.61	48.10	10.01	10.00	40H
Analysis	20.28	4.99	5.65	49.56	9.56	9.96	439H
Mayfield Park Dairy Feed	15.00	3.80	14.00	49.00			1965P
Analysis	14.86	4.60	10.73	53.13	10.52	6.16	333H
Melton Feed Store, Waco, Texas.							
Mel-Tex Sweet Dairy Feed	20.00	3.50	13.00	43.50			332A
Analysis	22.18	3.92	12.21	44.47	9.54	7.68	628W
Memphis Cotton Oil Company, Memphis, Texas.							
43% Protein Cottonseed Pellets	43.00	6.00	12.00	23.00			680C
Analysis*	38.42	7.37	10.77	29.84	7.50	6.10	132K
Analysis*	42.01	9.02	8.15	26.38	8.24	6.20	245S
Analysis	43.98	7.77	7.75	26.83	7.44	6.23	256S
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			680E
Analysis*	38.30	7.66	9.15	32.07	6.40	6.42	133K
43% Protein Coarse Cottonseed Meal	43.00	6.00	12.00	23.00			680J
Analysis	42.71	8.11	8.08	28.49	6.33	6.28	257S
Merchant Feed Store, Alvin, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00			122E
Analysis	8.08	3.37	10.36	64.37	12.20	1.62	79M
Merchants & Planters Oil Company, Houston, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			466D
Analysis*	39.75	6.18	12.22	27.09	8.66	6.10	394M
Analysis*	40.06	5.81	11.65	27.15	9.23	6.10	474M
Meyer & Company, Felix, Houston, Texas.							
41.12% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00			671A
Analysis ^{b,c}	39.55	6.37	9.03	28.47	9.82	6.76	91M
41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00			671D
Analysis ^{d,a,b,c}	38.99	5.56	12.97	27.17	9.02	6.29	13J
Meyer Grain Company, Houston, Texas.							
Numix Dairy Feed	21.00	4.00	13.50	42.00			1293A
Analysis	21.40	4.70	12.20	44.05	8.80	8.85	355M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴⁰⁴Excess ground oyster shell found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Meyer Grain Company, Houston, Texas—Cont'd.							
Queen Big 5 Brand Laying Mash	18.00	3.50	7.20	49.00	—	—	1293H
Analysis	16.34	3.37	5.23	57.88	11.07	6.05	468M
Triangle Brand 18% Protein Dairy Feed	18.00	3.50	10.50	46.50	—	—	1293K
Analysis ⁴⁰⁵	22.58	4.07	10.83	45.18	10.78	6.56	356M
Analysis	20.11	5.22	11.74	46.55	9.85	6.53	568M
Triangle Brand Growing Mash	18.00	3.50	5.06	50.00	—	—	1293M
Analysis	20.37	4.00	4.80	50.04	11.00	9.79	470M
Triangle Brand Chick Starting Mash	18.00	3.80	6.00	48.00	—	—	1293O
Analysis	19.95	4.50	5.07	51.20	10.48	8.80	469M
Triangle Brand Ground Whole Oats	11.00	4.00	12.00	58.00	—	—	1293Q
Analysis	10.08	5.26	12.44	57.32	10.66	4.24	405M
Alfalfa Stem Meal and Molasses	7.50	0.60	30.00	40.00	—	—	1293X
Analysis ⁴⁰⁶	11.60	.75	26.85	41.05	12.04	7.71	404M
Midland Flour Milling Company, The, Kansas City, Missouri.							
Town Crier Wheat Gray Shorts and Screenings	16.00	3.50	6.00	55.00	—	—	2326N
Analysis ^{407c}	17.50	3.96	6.67	55.03	12.62	4.22	254M
Midlothian Oil & Gin Company, Midlothian, Texas.							
43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00	—	—	502I
Analysis	42.64	6.60	9.81	27.30	7.85	6.30	123W
Analysis	42.23	6.55	9.88	27.30	7.86	6.18	221W
Analysis ^e	41.48	6.43	9.84	26.75	9.04	6.46	222W
Analysis	42.91	6.35	9.40	25.96	8.84	6.54	359W
Midco Growing Mash	18.00	3.50	6.00	51.50	—	—	502N
Analysis	19.54	3.80	4.83	52.77	10.05	9.01	584W
Midco Baby Chick Starter	17.00	3.50	5.00	55.00	—	—	502O
Analysis ⁴⁰⁸	15.35	4.03	5.69	57.30	11.16	6.47	360W
Midco Start-to-Finish Feed	19.70	4.30	6.90	49.00	—	—	502B7
Analysis	17.92	4.42	5.58	54.67	10.48	6.93	485W
Mission Feed Company, San Antonio, Texas.							
Mission Laying Mash	19.00	3.70	8.00	48.50	—	—	948C
Analysis ⁴⁰⁹	18.49	4.18	7.13	50.18	10.86	9.16	251H
Analysis	19.57	4.50	7.48	51.71	9.53	7.21	495H
Mission Provision Company, Inc., San Antonio, Texas.							
Economy Brand 50% Protein Meat and Bone Scraps	50.00	8.00	3.00	0.00	—	—	1356A
Analysis ^e	48.35	10.28	2.37	.00	6.20	32.80	288H
Analysis ^e	49.31	11.51	1.75	.05	5.71	21.67	334H
Analysis ^e	48.30	10.75	2.26	.27	5.96	32.46	394H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴⁰⁵Deficient in ground limestone.⁴⁰⁶Peanut hulls present.⁴⁰⁷Wheat brown shorts and screenings.⁴⁰⁸Deficient in salt.⁴⁰⁹Ground limestone found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Molloy's Mill, Timpson, Texas.							
Molloy's 16% Protein Cow Feed	16.00	2.60	16.50	45.00	—	—	1838B
Analysis	16.15	3.63	14.30	48.44	10.54	6.94	376M
Analysis ^{410a}	16.24	3.45	15.15	46.60	11.53	7.03	155P
Molloy's 20% Protein Dairy Feed	20.00	3.20	15.00	42.50	—	—	1838C
Analysis ⁴¹¹	19.19	3.70	12.40	46.59	10.70	7.42	156P
Analysis	19.25	4.59	14.47	42.03	10.78	8.83	499M
Moore & Company, James, Laredo, Texas.							
Wheat Bran and Screenings	15.00	3.00	10.00	50.00	—	—	2545A
Analysis	17.06	4.18	7.44	57.73	8.71	4.88	525M
Moore Grain Company, F. B., Hamlin, Texas.							
Moore's Special Dairy Feed	16.00	3.50	9.50	49.50	—	—	711G
Analysis ⁴¹²	18.10	3.64	7.04	55.33	9.24	6.65	584S
Moore's Special Growing Mash	16.00	3.50	7.00	51.00	—	—	711Q
Analysis ⁴¹³	19.36	3.49	4.73	53.50	10.50	8.42	539S
Moore's Special 32% Protein Laying Mash Concentrate	32.00	4.50	7.00	24.00	—	—	711T
Analysis	33.41	4.61	5.68	30.88	8.75	16.67	585S
Moore's Feed Store, San Angelo, Texas.							
Moore's Special Dairy Feed	18.00	3.00	13.00	41.00	—	—	1111E
Analysis	18.43	3.56	9.05	51.43	9.45	8.08	608S
Morameal Milling Company, Inc., Elm Grove, Louisiana.							
Dehydrated Alfalfa Leaf Meal	20.00	2.50	18.00	35.00	—	—	779D
Analysis	23.24	3.78	17.55	38.13	5.83	11.47	236T
Analysis	21.83	3.89	19.56	40.75	4.63	9.34	607T
Moreland, H. E., Goldthwaite, Texas.							
Moreland Special Egg Mash	20.00	3.50	6.00	46.00	—	—	1915B
Analysis	15.14	3.32	5.85	55.20	9.89	10.60	614W
Morgan, Neal, Artesia, New Mexico.							
Alfalfa Meal	13.00	1.50	33.00	35.00	—	—	1256B
Analysis ^e	13.50	1.40	32.90	33.48	10.21	8.51	15M
Morrison Milling Company, The, Denton, Texas.							
Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00	—	—	8I
Analysis ⁴¹⁴	18.71	4.06	6.03	55.41	11.15	4.59	30T
Analysis	18.10	4.23	5.91	55.55	10.49	5.72	141T
Analysis ^{415a}	19.97	4.15	6.48	54.57	11.65	4.18	323T
Analysis ^{415a}	17.54	4.12	6.70	55.26	11.72	4.66	497T
Analysis ^{415a}	18.30	4.55	6.77	55.18	10.65	4.55	529T
Analysis	18.65	4.35	5.84	54.76	12.13	4.27	358W
Analysis ^{415a}	18.81	4.70	6.84	54.94	10.11	4.60	583W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴¹⁰Cottonseed hulls found, not claimed. Used by manufacturer in feeding own stock.⁴¹¹Deficient in ground limestone.⁴¹²Deficient in salt.⁴¹³Deficient in ground limestone.⁴¹⁴Corn meal present.⁴¹⁵Wheat brown shorts and screenings.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Morrison Milling Company, The, Denton, Texas—Cont'd.							
Morrison's Egg Mash	18.00	3.60	6.00	49.00			8N
Analysis	18.40	3.95	5.91	53.38	11.22	7.14	174T
Ground Whole Oats	11.00	4.00	12.00	58.00			8V
Analysis	11.50	4.26	11.83	58.96	9.49	3.96	165T
Morten Milling Company, Dallas, Texas.							
Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00			1696D
Analysis ^{410b}	19.22	4.25	6.36	52.57	12.73	4.87	232H
Analysis	17.80	3.25	5.72	56.92	10.73	5.58	51J
Analysis	17.50	3.30	4.64	59.82	10.69	4.05	292K
Analysis ^{410c}	17.68	3.98	7.15	54.18	12.25	4.76	216M
Analysis	18.68	3.95	5.78	56.43	11.28	3.88	393M
Analysis ^{410c}	19.36	4.01	6.88	54.13	11.07	4.55	91P
Analysis ^{410c}	17.50	4.00	7.22	55.13	11.88	4.27	109P
Analysis	18.92	4.55	5.99	53.76	12.08	4.70	122P
Analysis ^{417b}	19.46	4.61	6.62	52.10	12.67	4.54	139P
Analysis	17.60	4.13	5.73	56.89	11.22	4.43	169P
Analysis ⁴¹⁸	18.36	3.73	6.06	54.77	12.19	4.89	170P
Analysis	17.65	3.84	6.15	56.67	10.87	4.82	178P
Analysis ^{410b}	19.48	4.95	6.53	53.65	11.00	4.39	190P
Analysis ⁴	16.72	3.48	4.49	59.60	12.39	3.32	525S
Analysis ⁴¹⁹	19.73	3.94	5.59	54.43	12.39	3.87	214T
Analysis ⁴²⁰	17.60	3.80	5.93	57.07	11.62	3.98	332T
Analysis ⁴¹⁸	19.45	4.34	5.76	55.63	10.64	4.18	394T
Analysis	17.90	3.38	5.38	56.92	12.43	3.99	453T
Analysis	18.60	3.69	5.06	58.09	10.52	4.04	629T
Analysis ^{410b}	18.33	3.61	6.67	55.51	11.47	4.41	488W
Analysis ⁴	17.49	3.56	5.18	58.84	11.46	3.47	558W
Wheat Bran and Screenings	14.50	4.00	10.00	50.00			1696F
Analysis ⁴	19.07	5.04	9.32	50.59	9.83	6.15	423W
Moulton Farmers' Co-Operative Gin & Mill Company, Moulton, Texas.							
Moulton Laying Mash	18.00	3.50	7.00	49.00			546B
Analysis	18.30	4.23	6.25	53.09	9.90	8.23	477H
Moulton Growing Mash	13.50	3.00	6.80	55.00			546C
Analysis ⁴²¹	15.54	3.91	4.84	57.16	12.12	6.43	413H
Moulton Oil & Gin Company, Moulton, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			425B
Analysis	43.76	6.31	9.86	25.43	8.72	5.92	60H
Analysis	42.88	6.55	9.87	25.32	9.38	6.00	186M
Mount Enterprise Cotton Oil Mill, Mount Enterprise, Texas.							
25% Protein Whole-Pressed Cottonseed	25.00	6.00	25.00	29.00			887A
Analysis	26.24	4.77	28.50	30.57	4.99	4.93	72P
34% Protein Ground Whole-Pressed Peanuts	34.00	6.00	24.00	20.00			887D
Analysis	36.20	7.55	25.44	20.03	6.89	3.89	497M
Analysis ⁴⁴	35.50	7.68	28.62	19.92	4.54	3.74	73P

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴¹⁰Wheat brown shorts and screenings.⁴¹⁷Corn meal present in wheat brown shorts and screenings.⁴¹⁸Milo meal present.⁴¹⁹Corn meal present.⁴²⁰Hegari meal present.⁴²¹Deficient in ground oyster shell.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Mount Pleasant Oil Mill, Mount Pleasant, Texas. Cottonseed Hulls and Cottonseed Meal	11.80	1.70	38.00	36.00	—	—	265A
Analysis	11.03	1.34	36.34	39.06	8.97	3.26	106P
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	—	—	265G
Analysis	43.03	6.28	10.02	26.33	7.92	6.42	8P
Analysis	43.06	5.51	10.60	26.75	7.57	6.51	105P
Analysis	42.73	6.44	9.40	27.62	7.59	6.22	135P
Lone Eagle Brand Growing Mash	17.00	3.50	7.00	51.00	—	—	265L
Analysis	18.71	4.08	6.75	54.14	9.23	7.09	55J
Mueller-Huber Grain Company, San Antonio, Texas. Sunshine Brand Special Cow Feed	19.00	3.20	9.50	48.00	—	—	1407F
Analysis	16.74	2.70	10.81	52.38	11.76	5.61	146H
Analysis	20.14	3.55	9.05	49.52	12.09	5.65	391H
Wheat Bran and Screenings	14.50	3.00	10.00	50.00	—	—	1407A7
Analysis ^a	15.20	4.34	9.94	53.73	11.39	5.40	46H
Sunshine Brand Laying Mash	19.00	3.50	7.00	46.00	—	—	1407A9
Analysis	21.90	4.79	6.27	48.54	9.41	9.09	330H
20% Protein Coconut Oil Meal	20.00	6.00	12.00	40.00	—	—	1407F1
Analysis	21.19	11.04	11.07	44.31	6.19	6.20	77H
Analysis	20.80	10.73	12.16	43.80	5.81	6.70	226H
Muenster Milling Company, Muenster, Texas. Double M Brand Egg Mash	18.00	3.50	8.00	49.00	—	—	1065B
Analysis ⁴²²	18.30	3.65	7.69	51.51	9.70	9.15	99T
Mumme, R. T., Houston, Texas. Sunrise Brand Mixed Feed	16.00	5.00	21.00	37.50	—	—	1820C
Analysis	17.23	6.03	19.99	37.48	10.73	8.54	99M
Morning Glory Mixed Feed	11.00	5.00	20.50	42.00	—	—	1820D
Analysis ⁴²³	10.73	5.15	19.77	44.70	11.78	7.87	420M
Non-Stop 20% Protein Dairy Feed	20.30	4.70	13.20	41.00	—	—	1820G
Analysis	21.30	6.18	11.95	42.27	10.39	7.91	100M
Munger Cotton Oil Company, Mexia, Texas. Mocco 2-to-1 Mixed Feed	16.00	2.30	34.50	33.50	—	—	40A
Analysis	16.80	2.54	30.86	36.05	8.16	5.59	478W
Mocco Mixed Feed	11.60	1.70	37.00	36.00	—	—	40D
Analysis ⁴²³	11.02	1.44	35.97	38.89	7.52	5.16	345W
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	—	—	40E
Analysis ^c	42.37	6.12	11.28	25.11	9.51	5.61	9W
Analysis	43.97	6.97	8.99	24.97	9.33	5.77	99W
Analysis	43.26	5.90	10.31	25.88	8.82	5.83	114W
Analysis	42.67	5.69	10.46	26.73	8.65	5.80	206W
Analysis ^c	42.49	6.07	10.39	26.13	9.46	5.46	209W
Analysis ^c	41.85	6.85	10.83	26.13	8.51	5.83	348W
Analysis	42.60	5.87	10.99	26.32	8.39	5.83	352W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴²²Ground whole barley found, not claimed.⁴²³Deficient in ground oyster shell.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Munger Cotton Oil Company, Teague, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	—	—	2518A
Analysis ^a	41.54	6.17	11.60	26.89	8.03	5.77	12W
Analysis	42.50	6.28	10.10	26.96	8.43	5.73	13W
Analysis ^c	42.09	6.53	10.29	27.28	8.26	5.55	112W
Municipal Abattoir, Austin, Texas.							
50% Protein Digester Tankage with Bone	50.00	6.00	3.00	0.00	—	—	1672A
Analysis ^c	57.52	8.88	2.58	3.41	6.32	21.29	141H
55% Protein Meat and Bone Scraps	55.00	6.00	3.00	0.00	—	—	1672A
Analysis	57.44	8.73	3.55	4.75	4.98	20.55	491H
Murchison, A. T., Menard, Texas.							
Sunset Brand Dairy Feed	19.00	3.60	11.70	44.50	—	—	1984A
Analysis ⁴²⁴	19.02	4.44	10.23	48.98	10.48	6.85	214S
Nacogdoches Oil Mill, The, Nacogdoches, Texas.							
Lone Star Brand 43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	—	—	564G
Analysis ^c	41.88	6.83	8.03	27.28	10.00	5.98	70P
Analysis	44.29	6.33	8.90	25.51	8.44	6.53	144P
Analysis	43.6 ^b	6.40	8.78	26.87	7.87	6.4 ^c	146P
Analysis	44.43	6.15	8.97	26.19	7.85	6.41	203P
Lone Star Brand 43% Protein Cracked Cottonseed Cake	43.00	6.00	12.00	23.00	—	—	564H
Analysis ^c	41.90	5.79	9.76	27.92	8.21	6.42	60P
Lone Star Brand 41.12% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00	—	—	564I
Analysis ^a	42.49	6.14	9.67	27.36	7.83	6.51	253M
Natchitoches Oil Mill, Inc., Natchitoches, Louisiana.							
41.12% Protein Ground Cottonseed Feed with Oyster Shell	40.00	4.80	13.60	25.00	—	—	683B
Analysis	40.68	6.42	9.49	27.71	8.65	7.05	646T
National Feed Store, Beaumont, Texas.							
Botex Money-Saver Brand Laying Mash	18.00	3.50	7.00	47.00	—	—	1807A
Analysis	18.76	3.11	5.63	55.49	11.51	5.50	179M
Botex 21% Protein Special Mixed Feed	21.00	4.50	14.00	40.00	—	—	1807C
Analysis	18.72	4.73	12.72	45.59	10.35	7.89	94M
Botex 18% Protein Dairy Feed	18.00	3.50	11.00	51.00	—	—	1807D
Analysis ⁴²⁵	16.87	4.18	10.52	49.72	10.74	7.97	93M
National Food Company, Port Arthur, Texas.							
Dixie Queen Brand Horse and Mule Feed	9.50	2.50	15.00	54.50	—	—	1891A
Analysis ⁴²⁶	11.16	3.22	12.63	56.63	12.42	3.94	84M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴²⁴Deficient in ground oyster shell.⁴²⁵Rice bran found, not claimed.⁴²⁶Deficient in ground limestone.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
National Food Company, Port Arthur, Texas—Cont'd.							
Dixie Queen Brand Hen Scratch Analysis	10.20 11.10	3.00 2.76	3.00 1.78	70.00 70.64	— 12.44	— 1.28	1891B 176M
Dixie Queen Brand Dryer and Freshener Cow Feed	10.00 11.28	3.00 3.70	21.00 18.87	47.00 47.96	— 12.18	— 6.01	1891C 85M
Dixie Queen Brand 18% Protein Dairy Ration Analysis ⁴²⁷	18.00 22.01	3.00 4.69	21.00 15.38	40.00 41.26	— 10.71	— 5.95	1891D 83M
National Oats Company, Cedar Rapids, Iowa.							
Red-3 Feeding Oatmeal Analysis ^a	14.00 11.93	5.00 6.06	3.70 4.69	60.00 61.68	— 8.56	— 3.08	1686E 237K
Red-3 Feeding Rolled Oats Analysis ^a	15.00 14.35	5.00 5.85	3.00 2.54	65.00 65.20	— 10.17	— 1.89	1686H 112M
Nelson Grain Company, Inc., Claude, Texas.							
Red Diamond Laying Mash Analysis	18.00 19.12	3.60 4.01	8.00 6.79	48.00 50.65	— 9.92	— 9.51	1830G 130K
Diamond N Chick Starting Mash Analysis	17.00 17.30	3.70 4.91	6.00 4.68	53.50 55.39	— 10.11	— 7.61	1830K 131K
Ne-Tex Co-Operative Oil Mill, Wolfe City, Texas.							
Ne-Tex Brand 43% Protein Cottonseed Meal Analysis	43.00 43.02	6.00 6.25	12.00 9.95	23.00 26.53	— 8.03	— 6.22	1046A 45J
Ne-Tex Brand 43% Protein Cracked Cottonseed Cake Analysis	41.05 41.21	5.77 5.87	11.44 11.03	27.40 28.86	8.19 7.10	6.15 5.93	184P 155T
Ne-Tex Brand 43% Protein Cottonseed Meal Analysis	43.00 42.73	6.00 5.37	12.00 11.39	23.00 26.04	— 8.21	— 6.26	1046B 185P
Neuhoff Brothers, Packers, Dallas, Texas.							
50% Protein Meat and Bone Scraps Analysis	50.00 50.18	6.00 9.53	3.00 2.04	0.00 .66	— 5.20	— 32.39	1844A 73T
Neumond Company, The, Saint Louis, Missouri.							
Neumond's 50% Protein Dehydrated Shrimp Meal Analysis	50.00 52.22 50.95	2.00 4.96 3.86	15.00 12.82 13.44	1.00 .15 .11	— 6.68 6.75	— 23.17 24.89	1609F 1609F 287T
28% Protein Corn Distillers' Dried Grains Analysis	28.00 33.16	8.00 6.78	15.00 13.40	30.00 36.95	— 7.01	— 2.70	1609G 1609G
Neumond's 24% Protein Brewers' Dried Grains Analysis ^a	24.00 21.91	4.50 6.00	18.00 16.67	40.00 43.21	— 7.60	— 4.61	1609H 563M

^a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.⁴²⁷Cottonseed meal and linseed meal found, not claimed. Deficient in ground limestone.⁴²⁸Deficient in ground oyster shell.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued(The guaranties are printed in *italics* following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
New Era Milling Company, The, Arkansas City, Kansas.							
Polar Bear Wheat Gray Shorts	17.00	4.00	6.00	55.00			917B
Analysis ^a	18.18	4.20	5.55	56.07	11.90	4.10	213M
Analysis ^a	18.59	3.94	5.25	56.88	11.68	3.66	199W
Polar Bear Wheat Bran	14.50	3.50	10.00	50.00			917E
Analysis	16.69	3.85	10.33	51.24	10.98	6.91	328M
New Orleans Grain & Feed Company, Inc., New Orleans, Louisiana.							
Golden Calf Brand Brewers'							
Dried Grains	24.00	5.00	18.00	40.00			633A
Analysis	27.48	7.34	15.67	36.80	9.11	3.60	36H
Analysis	28.85	7.29	15.32	37.55	7.31	3.68	12J
Nornhausser & Company, San Antonio, Texas.							
Norco Brand 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00			32A
Analysis ^k	50.60	11.88	1.76	.05	8.54	27.17	110H
Analysis ^k	49.34	13.33	4.33	3.90	7.07	22.03	291H
Analysis ^k	50.20	16.61	1.60	2.14	8.38	21.07	362H
Norris, S. F., Hubbard, Texas.							
Corn Chop	9.00	3.50	3.00	70.00			1217A
Analysis ^{da}	10.26	4.22	1.73	68.05	14.20	1.54	494W
North Shepherd Feed Store, Houston, Texas.							
Shepherd Laying Mash	18.00	3.50	7.50	46.50			718C
Analysis ⁴²⁹	19.04	4.96	5.86	49.52	10.32	10.30	163M
Nox-All Feed Store, Dallas, Texas.							
Our-Brand Dairy Feed	16.00	3.50	10.00	44.60			642A
Analysis	16.60	3.53	11.85	50.33	9.98	7.71	4T
Analysis	17.00	3.80	10.86	48.16	11.35	8.83	312T
Our-Brand Egg Mash	18.00	3.60	7.80	47.00			642D
Analysis ⁴³⁰	18.86	5.51	7.70	48.48	9.63	9.82	139T
Nu-Mix All-Mash Starting and Growing Ration	16.50	3.50	7.00	51.00			642E
Analysis ⁴³¹	17.20	3.95	7.00	53.46	10.70	7.69	518T
Nutrena Mills, Inc., Coffeyville, Kansas.							
Ground Whole Oats	11.00	4.00	12.00	58.00			874O
Analysis ^l	13.56	4.50	8.46	60.38	9.70	3.40	409T
Triple V All-Mash Chick Ration	18.00	4.00	7.00	47.00			874U
Analysis ⁴³²	19.15	4.33	5.58	53.37	10.83	6.74	430T
Nutty Brown Mills, Houston, Texas.							
32% Protein Cottonseed Meal Screenings	32.00	5.00	18.00	30.00			1547A
Analysis	30.35	4.24	19.23	32.27	9.27	4.64	323M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴²⁹Deficient in ground oyster shell.⁴³⁰Excess of ground oyster shell.⁴³¹Deficient in ground limestone.⁴³²Excess of ground limestone.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Odessa Grain Company, Odessa, Texas.							
Odessa Economy Brand Dairy							
Cow Feed	18.00	4.30	15.50	46.00			2384D
Analysis	18.06	4.41	14.03	49.82	8.28	5.40	547S
Rusty's Special Dairy Feed	17.00	3.40	13.50	46.00			2384E
Analysis	17.50	4.13	14.35	49.24	9.46	5.32	479S
Odessa Poultry Mash	16.00	4.00	5.50	53.00			2384G
Analysis	17.75	4.70	3.40	56.04	9.65	8.46	595S
Oil Mill & Fertilizer Works, Henderson, Texas.							
41.12% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00			124A
Analysis ^a	40.34	6.72	10.60	28.01	8.25	6.08	139M
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			124D
Analysis ^{b,c}	41.93	7.14	10.17	25.96	8.55	6.20	138M
Analysis ^{b,c}	41.60	6.95	9.47	26.90	8.83	6.25	69P
Analysis ^{b,c}	40.63	7.42	11.26	25.41	9.10	6.18	77P
Analysis ^e	42.45	7.28	9.21	26.96	7.70	6.40	114P
Analysis ^{a,b,c}	43.54	9.64	7.28	23.06	7.15	9.33	200P
Rusco 16% Protein Feed Pellets	16.00	3.00	20.00	42.50			124J
Analysis	16.00	3.86	19.42	43.06	11.43	6.23	78P
Analysis	16.20	3.76	21.13	41.72	10.40	6.79	202P
41% Protein Cottonseed Pellets	41.00	5.00	12.00	25.00			124Z
Analysis	41.26	6.81	9.43	26.45	9.75	6.30	79P
Cottonseed Meal and Limestone	40.60	5.00	11.90	24.70			124A1
Analysis	43.78	8.71	7.76	23.76	8.59	7.40	201P
Okeene Milling Company, Okeene, Oklahoma.							
Mor-Egg Brand Laying Mash	18.50	3.50	7.60	45.00			153I
Analysis ^j	18.70	3.07	6.06	52.42	11.02	8.73	24K
Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00			153Q
Analysis	17.22	4.01	5.35	57.68	11.20	4.54	20K
Analysis	17.00	3.69	5.73	59.12	10.58	3.88	495W
Mor-Egg Brand Laying Mash Pellets	18.50	3.50	7.60	45.00			153A2
Analysis ^{j,k}	17.82	3.17	5.81	54.60	9.0	9.56	264K
Opelousas Oil Mill, Opelousas, Louisiana.							
41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00			1923H
Analysis ^c	40.03	5.48	12.38	26.64	9.13	6.34	513M
Orange Rice Milling Company, Orange, Texas.							
Rice Bran	11.00	10.00	15.00	42.00			1849A
Analysis ^{a,c,d,e}	13.43	12.69	10.38	43.00	9.81	10.69	92M
Rice Bran containing Limestone	11.00	10.00	15.00	42.00			1849A
Analysis	13.69	11.03	8.92	44.18	9.29	12.89	560M
Analysis	13.73	12.76	9.03	45.52	8.96	10.00	347T
Rice Polishings containing Limestone	11.00	6.00	4.00	55.00			1849B
Analysis ^j	14.20	14.65	2.54	48.92	10.63	9.06	244M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴³³Carbonate of lime present.⁴³⁴Linseed meal found, not claimed.⁴³⁵Ground limestone found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Otis Gin & Warehouse Company, Loving, New Mexico.							
43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00			1426A
Analysis ^{436c}	40.83	6.25	13.34	27.30	6.42	5.86	104S
Analysis	42.82	6.33	10.78	28.55	5.59	5.93	186S
Analysis	42.32	6.13	10.49	29.25	5.80	6.01	287S
Analysis	43.60	6.10	10.18	28.08	5.95	6.09	305S
Analysis	43.68	6.11	10.38	27.71	5.82	6.30	405S
"Wano" Brand Mixed Feed	11.80	1.70	38.00	36.00			1426C
Analysis	11.36	2.11	35.03	39.63	8.55	3.32	163S
"Wano" Brand 43% Protein Cottonseed Cubes	43.00	5.20	12.00	25.00			1426D
Analysis ⁴³⁷	40.38	6.19	11.28	29.16	7.00	5.99	185S
Ozark Feed Mills, Pine Bluff, Arkansas.							
Ozark Dairy Feed	16.00	3.00	15.00	43.00			1644A
Analysis ⁴³⁸	16.98	3.29	14.91	48.00	11.06	5.76	65T
Gold Cream Dairy Feed	24.00	3.00	15.00	37.00			1644B
Analysis ⁴³⁹	21.19	2.44	19.15	36.82	10.15	10.25	93P
Packard Milling Company, Custer City, Oklahoma.							
Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00			758A
Analysis	17.10	3.54	4.58	60.28	10.90	3.60	265K
Packard Milling Company, Hereford, Texas.							
Blue Dot Laying Mash	19.00	3.60	6.00	48.00			211L
Analysis	20.73	4.35	5.37	50.55	10.28	8.72	352S
Chowmix Laying Mash	18.00	3.50	8.00	48.00			211U
Analysis	20.13	4.33	5.03	53.71	10.12	6.68	351S
Packard's Mix All-Mash Chick Starter	15.50	3.50	6.50	50.00			211X
Analysis	18.16	3.73	5.88	56.21	9.61	6.91	277K
Palecek Mills, Enid, Oklahoma.							
Gold Crown Brand 16% Protein Dry Dairy Feed	16.00	3.00	11.00	50.00			1399B2
Analysis ⁴⁴⁰	21.12	3.29	9.12	46.33	9.70	10.44	27K
Palestine Grain Company, Palestine, Texas.							
Magnolia 5 Egg Mash	19.00	3.70	8.00	46.00			1442A
Analysis	19.25	4.76	7.04	48.45	10.13	10.37	344W
Elberta Brand Corn Chop	9.00	3.50	3.00	70.00			1442B
Analysis ⁴⁴¹	9.72	4.32	2.35	71.62	10.04	1.95	570W
Milo Chop	10.00	2.50	3.00	70.00			1442C
Analysis	11.56	3.63	2.79	67.44	12.49	2.09	505M
Magnolia Scratch Feed	10.00	2.50	3.50	68.00			1442U
Analysis ⁴⁴¹	10.72	3.58	3.37	68.36	12.42	1.55	144M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

^{436c}Excess cottonseed hulls present.⁴³⁷Portion of shipment on hand sold to consumer at a reduced price. Refund paid on the balance.⁴³⁸Rice bran and rice hulls claimed, not found. Peanut hulls found, not claimed. Deficient in ground oyster shell and salt.⁴³⁹Peanut hulls found, not claimed.⁴⁴⁰Linseed meal, locust bean meal, and rice hulls found, not claimed.⁴⁴¹Barley and oats found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Palestine Grain Company, Palestine, Texas—Cont'd.							
Magnolia Special Egg Mash	19.00	4.00	7.50	48.00			1442Z
Analysis ⁴⁴²	18.95	4.69	6.92	51.62	9.85	7.97	72M
Analysis	19.45	4.87	7.18	48.46	10.05	9.99	645W
Magnolia Growing Mash with Buttermilk	16.70	3.50	6.00	52.00			1442A2
Analysis	17.24	4.55	4.49	54.63	10.30	8.79	504M
Analysis	17.96	4.59	5.27	52.39	10.52	9.27	474W
Magnolia All-Mash Starter with Buttermilk and Cod Liver Oil	17.00	3.50	5.00	52.00			1442A3
Analysis	18.26	4.69	5.39	53.15	10.95	7.56	145M
Pampa Feed Store, Pampa, Texas.							
Pampa Pride Dairy Feed	16.00	3.20	12.00	51.00			1579B
Analysis	16.40	3.19	9.65	53.12	10.23	7.41	108K
Paris Milling Company, Paris, Texas.							
Yellow Corn Feed Meal	8.00	3.00	3.00	67.00			9W
Analysis	9.39	3.92	2.18	71.26	11.89	1.36	20P
Special X Chick Starter	17.00	3.50	6.00	52.50			9Y
Analysis ^a	17.50	3.37	5.45	54.88	11.95	6.85	463T
Special X Laying Mash	19.80	3.80	7.90	55.00			9A2
Analysis	20.44	3.94	6.08	49.66	10.82	9.06	194P
Paul's Flour & Feed, El Paso, Texas.							
Paul's Baby Chick Starter Mash	17.00	3.60	6.00	51.50			1143G
Analysis	16.71	4.82	6.15	55.31	9.91	7.10	492S
Paul's Growing Mash	16.00	3.50	7.50	53.00			1143H
Analysis	13.75	4.61	7.53	54.62	9.55	6.94	413S
Paul's Laying Mash	18.00	3.60	7.20	50.00			1143I
Analysis ⁴⁴³	15.18	5.74	6.58	53.66	9.67	6.17	296S
Paul's Cow Feed	19.00	3.30	8.00	47.50			1143R
Analysis ⁴⁴⁴	18.83	3.60	6.80	53.29	9.73	7.75	91S
Paul's Broiler Mash	19.50	3.50	5.50	47.00			1143S
Analysis	20.50	4.95	5.81	50.56	10.61	7.57	176S
Pecos Valley Alfalfa Mill Com- pany, Hagerman, New Mexico.							
Alfalfa Meal	13.00	1.50	33.00	35.00			112A
Analysis	11.66	2.08	34.77	36.00	7.76	7.73	55K
Analysis	20.00	2.03	21.36	38.29	7.90	10.42	95S
Analysis	13.60	1.69	30.16	38.38	8.29	7.88	241S
Analysis	14.00	1.69	31.63	35.95	8.81	7.92	242S
Analysis ^a	12.66	1.23	33.30	34.56	10.09	8.11	560W
Peevee Alfalfa Leaf Meal	20.00	2.50	18.00	40.00			112E
Analysis	20.40	2.36	17.34	39.38	9.55	10.97	302T
Analysis	20.59	3.62	19.40	40.67	6.49	9.23	606T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴⁴²Milo meal found, not claimed.⁴⁴³Deficient in ground oyster shell.⁴⁴⁴Deficient in ground limestone.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Peoples Cotton Oil Company, El Campo, Texas. Whole-Pressed Cottonseed, Molasses, Limestone, and Salt— Analysis	26.00 24.77	5.50 4.60	21.00 21.34	32.00 35.45	8.51	5.33	1863C 428M
Peoples Cotton Oil Company, Wharton, Texas. 43% Protein Cottonseed Meal Analysis ^a Analysis ^a Analysis	43.00 41.67 41.86 42.90	6.00 6.45 6.91 6.41	12.00 9.10 9.71 10.20	23.00 27.51 26.14 25.12	8.40 8.71 8.69	6.87 6.67 6.68	496C 114M 209M 431M
Jersey Brand 20% Protein Mixed Feed Analysis	20.00 21.00	3.00 3.62	20.00 16.35	35.00 40.57	11.51	6.95	496I 318M
Perkins Oil Company, Memphis, Tennessee. Golden Rod Brand 41% Protein Cottonseed Meal Analysis ^a	41.00 40.53	5.00 5.76	12.00 11.18	25.00 23.86	12.34	6.33	1095A 269K
Perryton Equity Exchange, Perryton, Texas. Dairy Feed Analysis ⁴⁴⁵ Star Brand Chick Mash Analysis Star Brand Egg Mash Analysis Equity Brand 20% Protein Laying Mash Analysis ^a Analysis ⁴⁴⁶ Equity Brand Chick Starter and Grower Analysis	15.00 18.16 17.00 17.78 18.00 19.65 20.00 22.75 21.67 17.00 19.50	3.00 3.58 3.50 4.71 3.50 3.79 3.50 3.97 4.20 3.50 4.33	10.00 8.01 6.00 6.07 7.50 5.88 7.50 5.09 5.30 7.50 5.30	52.00 53.15 50.00 53.45 48.00 51.00 47.50 49.16 47.13 50.50 52.14	10.35 * 9.75 9.64 8.84 10.86 10.40	6.75 8.24 10.04 10.19 10.84 8.33	2355M 252K 2355Q 251K 2355S 100K 2355X 15K 252S 2355Y 94K
Peyton Packing Company, El Paso, Texas. Peyton's 50% Protein Meat and Bone Scraps Analysis ^a Analysis Analysis	50.00 54.42 56.00 51.74	6.00 10.08 9.08 9.62	3.00 1.30 2.19 1.26	0.00 1.26 .53 1.03	5.27 6.79 4.95	27.67 25.41 31.40	1564C 197K 171S 606S
Pfeffer Rice Milling Company, Inc., Houston, Texas. Rice Bran containing Limestone Analysis Analysis Rice Polishings Analysis ⁴⁴⁷ Rice Polishings containing Limestone Analysis	12.00 11.47 12.40 12.00 14.02 12.00 14.38	12.00 12.07 13.62 8.00 13.95 8.00 16.42	15.00 14.15 11.95 4.00 2.72 4.00 3.18	35.00 37.79 37.41 55.00 50.10 55.00 45.82	8.85 9.64 10.48 10.11	15.67 14.98 8.73 10.09	1352A 527M 345T 1352B 227M 1352B 528M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴⁴⁵Molasses claimed, not found. Deficient in ground limestone.⁴⁴⁶Excess of ground limestone and salt found.⁴⁴⁷Ground limestone found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Phillips Feed Store, H. L., Sulphur Springs, Texas.							
Ground Whole Oats	<i>11.00</i>	<i>4.00</i>	<i>12.00</i>	<i>58.00</i>			1395B
Analysis	10.35	6.10	13.45	56.75	9.55	3.80	27P
Pierce Grain Company, Houston, Texas.							
Mi Brand Growing Mash	<i>20.00</i>	<i>3.50</i>	<i>6.50</i>	<i>48.50</i>			1660C
Analysis ⁴⁴⁸	19.45	4.25	6.48	49.70	9.95	10.17	360M
Econo Brand Mixed Feed	<i>9.00</i>	<i>2.00</i>	<i>23.00</i>	<i>51.00</i>			1660F
Analysis ⁴⁴⁹	9.72	4.16	22.35	44.04	10.90	8.83	359M
Pietsch & Boysen, Yoakum, Texas.							
O. K. Brand Growing Mash	<i>16.50</i>	<i>4.00</i>	<i>8.00</i>	<i>50.00</i>			1385O
Analysis ⁴⁵⁰	18.70	2.36	7.43	53.67	10.92	6.92	418H
Special Five Laying Mash	<i>18.50</i>	<i>3.70</i>	<i>8.00</i>	<i>46.00</i>			1385Q
Analysis	20.40	3.03	8.42	50.76	9.91	7.48	130H
Analysis	22.16	3.21	7.75	48.09	9.93	8.86	352H
O. K. Brand All-Mash Chick Starter	<i>18.00</i>	<i>4.00</i>	<i>6.20</i>	<i>51.00</i>			1385U
Analysis ⁴⁵⁰	19.97	2.89	6.18	53.92	10.39	6.65	353H
Analysis	18.38	2.35	5.95	55.30	10.28	7.74	417H
Pillsbury Flour Mills Company, Minneapolis, Minnesota, and Branches.							
Pillsbury's Wheat Gray Shorts	<i>16.00</i>	<i>3.50</i>	<i>6.00</i>	<i>55.00</i>			70A
Analysis ^{451c}	18.49	5.15	6.51	53.79	11.49	4.57	308M
Analysis ^{451c}	18.11	4.67	6.33	53.72	12.18	4.99	349M
Analysis	18.00	4.52	6.17	55.36	11.56	4.39	430M
Analysis	20.43	4.83	6.16	51.74	12.26	4.58	73S
Pillsbury's 20% Protein Dairy Feed	<i>20.00</i>	<i>3.50</i>	<i>10.00</i>	<i>50.00</i>			70G
Analysis ⁴⁵²	22.54	4.05	6.35	50.43	9.52	7.11	421W
Pincoffs Company, Maurice, Houston, Texas.							
Pinco Brand 28% Protein Whole-Pressed Cottonseed	<i>28.00</i>	<i>4.50</i>	<i>23.00</i>	<i>29.00</i>			1244K
Analysis ^{45c}	24.67	5.38	25.27	32.04	7.89	4.75	109M
45% Protein Soybean Oil Meal	<i>45.00</i>	<i>5.50</i>	<i>6.00</i>	<i>26.00</i>			1244A6
Analysis ^{45c}	44.43	8.90	6.32	30.53	3.98	5.84	257M
Pinkney Packing Company, Amarillo, Texas.							
50% Protein Digester Tankage with Bone	<i>50.00</i>	<i>5.00</i>	<i>3.00</i>	<i>0.00</i>			2372C
Analysis	52.35	12.56	1.38	1.10	6.33	26.28	8K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴⁴⁸Soybean oil meal found, not claimed.⁴⁴⁹Rice bran, milo head chop, and ground limestone found, not claimed. Molasses claimed, not found.⁴⁵⁰Milo meal found, not claimed.⁴⁵¹Wheat brown shorts.⁴⁵²Used by dealer in feeding own stock.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Pioneer Flour Mills, San Antonio, Texas.							
Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00			129F
Analysis	17.50	4.31	5.49	57.56	10.94	4.20	14H
Analysis	17.42	4.43	5.57	56.92	11.78	3.88	237H
Analysis	17.86	3.89	5.03	57.62	11.97	3.63	434H
Texas Pioneer Baby Chick Starter	17.50	4.00	7.00	50.00			129I
Analysis ⁴⁵³	18.33	6.39	5.62	52.14	10.16	7.36	335H
Analysis ⁴⁵⁴	17.80	5.52	5.32	52.06	10.28	9.02	447H
Texas Pioneer Growing Mash	17.00	3.60	7.50	50.00			129M
Analysis ⁴⁵⁴	18.35	4.53	6.04	53.79	9.68	7.61	448H
Texas Pioneer Laying Mash	20.50	3.50	7.40	44.60			129N
Analysis ⁴⁵⁵	19.68	5.14	5.83	47.07	10.37	11.91	155H
Analysis ⁴⁵⁶	20.50	5.61	5.66	46.26	10.67	11.30	257H
Texas Pioneer Laying Mash	18.00	3.60	7.50	48.50			129N
Analysis	19.30	5.04	6.21	49.25	11.12	9.08	499H
Texas Pioneer 18% Protein Dairy Feed	18.00	3.50	9.00	48.50			129O
Analysis	19.00	5.63	7.52	49.34	11.25	7.26	500H
Texas Pioneer Cow Feed	9.00	2.50	14.00	48.00			129P
Analysis ⁴⁵⁷	11.55	2.78	13.47	49.51	14.50	8.19	154H
Analysis ⁴⁵⁸	13.21	4.76	13.01	48.44	11.15	9.43	434W
Texas Pioneer Cow Feed	11.30	3.00	13.80	51.00			129P
Analysis ⁴⁵⁹	13.76	4.31	11.97	51.04	11.54	7.38	501H
Texas Pioneer 24% Protein Dairy Feed	24.00	3.30	10.00	42.50			129S
Analysis	23.09	3.81	8.56	44.47	11.89	8.18	238H
Piquero, C. R., El Paso, Texas.							
Dried Beet Pulp and Molasses	7.00	0.30	20.00	50.00			2461G
Analysis ⁴⁶⁰	8.64	.27	15.07	62.06	7.48	6.48	295S
Pittsburg Cotton Oil Company, Pittsburg, Texas.							
43% Protein Cottonseed Meal	43.00	5.20	12.00	23.00			580A
Analysis ⁴⁶¹	42.41	5.97	9.45	27.59	8.21	6.37	4P
Plains Cooperative Oil Mill, Lubbock, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			1476B
Analysis ⁴⁶²	42.36	6.05	9.70	26.22	9.32	6.35	47K
Analysis ⁴⁶³	41.42	7.95	8.90	27.85	7.47	6.41	230S
Analysis ⁴⁶⁴	41.44	8.22	9.54	27.85	6.53	6.42	340S
Planters Cotton Oil Company, Dallas, Texas.							
Golden Rod Brand Mixed Feed (4-to-1)	11.00	1.60	37.00	36.00			1850C
Analysis	11.00	1.70	31.06	41.86	7.68	6.70	592T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴⁵²Deficient in ground limestone.⁴⁵³Fish meal claimed, not found.⁴⁵⁴Excess of ground limestone and salt found.⁴⁵⁵Excess of salt found.⁴⁵⁶Deficient in ground limestone.⁴⁵⁷Molasses claimed, not found.⁴⁵⁸Off quality.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Planters Cotton Oil Company, Dallas, Texas—Continued.							
Golden Rod Brand 43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			1850J
Analysis	43.23	6.66	10.11	26.02	7.70	6.28	194K
Analysis	42.55	5.69	8.81	28.30	7.96	6.69	9T
Analysis	42.60	6.43	10.13	27.28	7.39	6.17	27T
Analysis ^a	42.22	6.05	11.01	27.42	7.15	6.15	185T
Analysis	43.30	6.51	9.03	26.68	8.25	6.23	398T
Analysis	43.16	5.81	9.85	27.05	7.92	6.21	514T
Analysis ^a	42.49	6.33	10.22	26.56	8.35	6.05	361W
Planters Cotton Oil Mill, Ennis, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			2343H
Analysis	44.07	5.60	9.72	26.62	7.28	6.71	301M
Analysis	44.03	5.47	9.68	26.68	7.51	6.63	161P
Analysis	44.15	6.15	9.26	27.40	6.37	6.67	26W
Analysis ⁴⁶⁰	42.13	6.59	9.72	28.00	7.25	6.31	120W
Analysis ^a	42.24	5.95	9.88	27.93	7.56	6.44	219W
Analysis	42.70	5.53	10.78	26.86	7.50	6.63	363W
Planco Mixed Feed	11.80	1.71	38.00	36.00			2343J
Analysis	11.40	1.48	16.58	38.89	7.68	3.97	490W
Pleasant Valley Feed & Lumber Company, Amarillo, Texas.							
Pleasant Valley Laying Mash	20.50	3.50	7.40	44.60			694B
Analysis ⁴⁶¹	21.86	5.04	6.40	45.60	9.89	11.21	260S
Portales Milling Company, Portales, New Mexico.							
Wheat Mixed Feed and Screenings	16.00	3.50	8.50	52.00			2319A
Analysis ^{46b}	14.98	3.28	6.24	50.38	11.36	3.76	74K
O. K. Brand Laying Mash	18.00	3.50	7.50	47.00			2319G
Analysis ^{462b}	19.11	4.55	5.42	51.91	9.65	9.36	461S
O. K. Brand Starter Mash	18.00	3.50	7.00	48.00			2319H
Analysis ^{462b}	19.80	4.10	5.81	52.56	9.75	7.98	460S
Port City Packing Company, Houston, Texas.							
Big State Brand 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00			1500A
Analysis	52.87	10.71	2.08	.55	7.58	26.21	101M
Analysis	53.45	9.30	2.00	2.10	6.89	26.26	353M
Porter, D. B., Belton, Texas.							
Dairy Feed	22.00	4.00	11.00	46.00			2172E
Analysis	21.47	4.15	10.63	48.05	10.83	4.87	180W
Porter & White, Knox City, Texas.							
A-1 Brand Egg Mash	20.50	3.50	7.40	44.60			1524H
Analysis	21.18	6.02	8.68	44.43	9.63	10.06	68S

^a a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.⁴⁶⁰ Blended with high-protein meal and sale resumed.⁴⁶¹ Excess of salt found.⁴⁶² Blank Texas tags attached.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Porter & White, Knox City, Texas—Cont'd.							
AA Brand Egg Laying Mash	18.50	3.50	6.50	46.00			1524J
Analysis	20.53	4.75	6.30	49.98	8.49	9.95	529S
A-1 Brand Starting Mash	16.00	4.00	6.00	53.00			1524Q
Analysis	17.75	4.02	5.30	55.79	10.04	7.10	528S
50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00			1524T
Analysis	49.53	11.52	2.61	3.82	6.97	25.55	137S
Our Leader Brand Egg Laying Mash	18.00	3.50	8.00	49.00			1524W
Analysis	20.31	4.60	6.83	49.76	9.90	8.60	578S
Keep 'Em Laying Brand Egg Mash	19.60	3.50	8.00	48.00			1524X
Analysis	22.55	3.90	6.90	49.66	8.25	8.74	577S
Our A-2 Brand Egg Laying Mash	18.00	3.50	8.00	49.50			1524Y
Analysis	20.09	4.03	6.45	52.40	9.15	7.88	627S
Poston Feed Store, Stephenville, Texas.							
Poston Laying Mash	18.00	3.50	6.50	51.00			1982D
Analysis	17.69	4.33	6.21	54.18	9.19	8.40	632T
Oscar Dairy Cow Feed	15.60	3.00	12.50	51.00			1982E
Analysis	15.26	3.02	10.80	54.25	8.08	8.59	633T
Pottsville Mill & Produce Company, Pottsville, Texas.							
2-R All-Mash Chick Starter	17.00	4.00	5.00	52.00			2442F
Analysis	16.16	4.52	3.63	57.66	9.97	8.06	521W
Power Grain Company, Dallas, Texas.							
Hi-Power Brand Egg Mash	20.00	3.70	8.00	45.00			2187B
Analysis	21.00	3.30	7.22	48.32	10.57	9.59	209T
Hi-Power Brand Growing Mash	17.00	3.50	5.50	52.00			2187G
Analysis	18.40	3.72	4.98	54.74	9.08	9.08	650T
Hi-Power Brand Chick Starter	17.00	3.60	6.00	54.00			2187I
Analysis	17.96	3.67	4.63	55.55	11.09	7.10	369T
Prather's Feed Store, O. A., Donna, Texas.							
Don-O Dairy Feed	15.00	3.00	13.00	49.00			1976A
Analysis	15.00	2.69	11.73	50.80	11.77	8.01	93H
Analysis ⁴⁶³	14.55	2.84	13.39	48.59	11.34	9.29	454H
Pratt Food Company, Hammond, Indiana.							
Pratt's Poultry Mix	33.00	5.00	6.00	34.00			2666A
Analysis	36.70	3.97	6.30	36.32	9.44	7.27	91K
Analysis ⁴⁶⁴	36.77	4.18	6.51	34.92	10.43	7.19	54S
Analysis	36.26	4.01	6.37	37.37	8.82	7.17	271T
Pratt's Vital-Trate 16-D	24.50	3.50	8.00	44.00			2666B
Analysis	27.05	4.20	7.47	46.12	7.44	7.72	2666B
Analysis ^a	27.61	8.39	9.02	41.41	8.75	4.82	75K
Pratt's Vital-Trate 50-D	24.50	3.50	8.00	44.00			2666C
Analysis	26.05	4.32	7.33	47.31	7.23	7.76	2666C

^a a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.⁴⁶³ Excess of salt found.⁴⁶⁴ Dried buttermilk claimed, not found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Presley Brothers Mill, Breckenridge, Texas.							
Presley's Chick Starter Mash	18.00	3.50	6.50	50.00			1705G
Analysis	19.85	4.50	6.05	50.54	10.23	8.83	582T
Presley's Egg Mash	18.00	3.50	7.00	50.00			1705H
Analysis ⁴⁶⁵	19.53	4.57	6.24	50.33	10.01	9.32	147T
Presley's 17% Protein Dairy Feed	17.00	3.50	13.00	46.00			1705J
Analysis*	17.00	2.74	12.80	46.85	12.09	8.52	388T
Preston's Feed Mill, Gatesville, Texas.							
Holland Laying Mash	18.00	3.80	7.50	49.00			1969D
Analysis ⁴⁶⁴	19.35	3.99	7.39	52.04	9.43	7.80	300W
Pritchard Rice Milling Company, Houston, Texas.							
Primco Rice Polishings containing Precipitated Carbonate of Lime	11.00	6.00	4.00	55.00			617A
Analysis ⁴⁶⁷	12.70	15.76	2.49	41.83	9.41	17.76	275M
Primco Rice Bran containing Precipitated Carbonate of Lime	11.00	10.00	15.00	42.00			617B
Analysis ⁴⁶⁷	11.52	13.83	10.74	40.63	7.94	15.34	282M
Analysis ⁴⁶⁷	12.40	12.35	11.36	38.24	8.80	16.85	93W
Primco Rice Bran containing Limestone	12.00	12.00	15.00	38.00			617B
Analysis ⁴⁶⁸	13.03	11.63	11.79	39.91	9.12	14.52	371H
Purity Feed & Seed Company, Beeville, Texas.							
Bee-Co Laying Mash	20.00	3.80	6.50	44.50			1798F
Analysis ⁴⁶⁹	20.26	4.31	5.82	48.46	10.11	11.04	152H
Bee-Co Growing Mash	16.00	4.00	5.50	52.50			1798G
Analysis	17.83	4.36	4.64	59.80	7.52	5.85	446H
Bee-Co Chick Starting Mash	17.00	3.50	5.50	53.00			1798H
Analysis	18.25	4.54	4.19	55.15	10.82	7.05	302H
Bee-Co Special Laying Mash	18.00	3.50	6.50	47.00			1798J
Analysis	18.17	4.10	6.97	49.87	10.65	10.24	372H
Purity Oats Company, Keokuk, Iowa.							
Ex-L-Ent Brand Feeding Rolled Oats	14.00	6.50	4.00	60.00			1598H
Analysis ^a	16.29	5.41	2.11	63.94	10.18	2.07	367W
Quaker Oats Company, The, Chicago, Illinois.							
Quaker 24% Protein Dairy Feed	24.00	3.70	12.00	40.00			1379A
Analysis*	24.52	3.78	7.65	47.32	10.20	6.53	39K
Quaker 24% Protein Dairy Feed	24.00	3.50	9.00	43.00			1379A
Analysis*	26.61	3.53	7.83	45.16	10.22	6.65	132H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴⁶⁵Deficient in ground limestone, and excess of salt found.⁴⁶⁶Deficient in salt.⁴⁶⁷Excess of calcium carbonate found.⁴⁶⁸Excess of ground limestone found.⁴⁶⁹Ground whole oats claimed, not found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Quaker Oats Company, The, Chicago, Illinois—Cont'd.							
Quaker 24% Protein Dairy Feed	24.00	4.00	12.00	43.00			1379A
Analysis	25.97	4.90	11.09	40.11	9.64	8.29	590S
Pulverized Whole Oats	11.00	4.00	12.00	58.00			1379D
Analysis	12.59	4.09	13.11	58.53	7.94	3.74	164M
Quaker Sugared Schumacher							
Feed Cubes	12.00	3.00	12.00	55.00			1379K
Analysis	14.67	3.00	5.88	59.19	10.68	6.58	101P
Analysis ⁴⁷⁰	15.12	2.82	5.23	59.45	10.27	7.11	33S
Analysis ^{471b}	13.21	3.92	8.58	59.41	10.21	4.67	317S
Ful-O-Pep Brand Egg-Breeder							
Mash	20.00	4.50	8.00	45.00			1379O
Analysis	20.82	5.86	6.03	48.42	10.08	8.79	208H
Analysis ⁴⁷²	21.27	4.53	5.96	50.05	8.59	9.60	637S
Big Egg Brand Chick Starter-Growing Mash							
Analysis ⁴⁷³	17.00	4.00	7.00	50.00			1379W
Analysis	17.70	4.58	6.30	55.62	10.02	5.78	486M
Big Egg Brand Laying Mash							
Analysis	18.00	3.50	8.00	49.00			1379X
Analysis	19.43	4.92	7.11	51.18	10.71	6.65	135M
Analysis	18.90	4.88	7.22	52.30	9.96	6.74	166T
Analysis ^c	19.26	5.03	6.85	52.06	9.74	7.06	118W
Analysis	18.68	4.31	6.84	53.60	10.79	5.78	549T
Analysis ⁴⁷⁴	20.50	5.32	7.58	51.27	8.97	6.36	615T
Vic or Brand Rolled Oats							
Analysis ^c	16.00	5.00	2.50	66.00			1379Z
Analysis ^c	15.25	8.80	3.18	61.01	9.51	2.25	105M
Ful-O-Pep Brand Growing Mash							
Analysis ⁴⁷⁴	19.00	4.50	7.00	47.00			1379A1
Analysis ⁴⁷⁵	13.60	4.54	5.81	53.88	9.36	7.81	481H
Analysis	19.80	4.88	6.01	53.07	8.25	7.99	281K
Analysis	20.23	5.00	4.97	52.47	9.75	7.58	501S
Analysis	20.41	4.79	5.28	52.26	9.42	7.84	491W
Quaker Sugared Schumacher							
Feed	12.00	3.00	12.00	55.00			1379A5
Analysis	12.80	3.49	9.37	59.11	9.36	5.87	133H
Quaker Sugared Schumacher							
Pellets	12.00	3.00	12.00	55.00			1379A8
Analysis ^{47b}	13.35	4.13	9.78	56.39	10.92	5.43	106K
Big Egg Brand All-Mash							
Analysis	15.00	3.50	9.50	50.00			1379B3
Analysis	17.90	5.60	5.72	55.69	9.68	5.41	286T
Ful-O-Pep Brand Chick Starter							
Analysis	17.00	4.50	7.00	50.00			1379B5
Analysis	20.22	5.35	5.54	52.26	9.47	7.16	321H
Analysis	21.15	5.26	5.32	52.51	8.05	7.71	410S
Analysis	20.70	5.40	5.60	52.18	9.51	6.61	439W
Quaker 16% Protein Dairy Feed							
Analysis ^c	16.00	4.00	12.50	46.00			1379B6
Analysis ^c	16.00	4.23	9.94	52.10	10.55	7.18	182W
Quaker 16% Protein Dairy Feed							
Analysis ^c	16.00	4.50	13.80	46.00			1379B6
Analysis ^c	16.65	4.80	12.22	48.29	9.68	8.36	365M
Quaker 16% Protein Dairy Feed							
Analysis	16.00	3.00	14.70	48.00			1379B6
Analysis	20.33	4.13	11.16	48.01	9.58	6.79	270K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴⁷⁰Cottonseed meal found, not claimed.⁴⁷¹In pellet form.⁴⁷²Deficient in molasses.⁴⁷³Fish meal claimed, not found.⁴⁷⁴Molasses claimed, not found.⁴⁷⁵Fish meal and molasses claimed, not found. Soybean oil meal found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Quaker Oats Company, The, Chicago, Illinois—Cont'd.							
Quaker 40% Protein Supplement for Hogs	40.00	4.00	7.00	29.00			1379B8
Analysis	39.85	4.15	6.23	29.21	8.60	11.96	632S
Analysis	40.15	4.50	5.28	29.71	9.61	10.75	303T
Oat Hulls, Molasses, Oat Shorts, and Oat Middlings	5.00	1.20	27.50	52.50			1379C6
Analysis	4.97	1.03	20.44	54.79	11.88	6.89	17M
Aunt Jemima Wheat Gray Shorts and Screenings	16.00	4.00	6.00	55.00			1379D2
Analysis	17.48	4.08	5.89	57.40	11.07	4.08	366M
Analysis ^{476c}	17.91	4.04	6.64	55.19	11.75	4.47	67P
Analysis	17.38	4.67	6.33	56.26	11.05	4.31	37T
Analysis ^{476c}	17.56	4.56	7.49	54.34	11.07	4.98	119T
Analysis ^{476c}	17.64	4.08	6.28	55.63	12.25	4.12	168T
Analysis	16.70	3.90	5.99	58.79	10.80	3.82	285T
Analysis	17.55	3.68	5.55	58.06	10.15	5.01	617T
Ful-O-Pep Brand Turkey Starter	26.00	4.50	7.00	35.00			1379D9
Analysis	25.75	4.57	5.51	44.39	10.19	9.59	513W
Ful-O-Pep Brand Laying Mash	20.00	4.50	8.00	45.00			1379E3
Analysis	20.40	4.76	6.51	51.13	10.14	7.06	172H
Analysis	19.10	5.57	7.28	52.01	9.40	6.64	482H
Analysis	19.54	4.88	7.27	51.79	9.63	6.89	4J
Analysis ⁴⁷⁷	20.40	4.79	6.36	53.29	8.36	6.80	599S
Analysis	20.80	5.40	6.58	50.66	9.17	7.39	210T
Ful-O-Pep Brand Laying Mash Pellets	20.00	4.50	8.00	45.00			1379E4
Analysis*	21.26	4.80	6.57	50.47	10.19	6.71	240M
Analysis ⁴⁷⁸	19.84	4.73	6.62	51.58	9.98	7.25	102P
Ful-O-Pep Brand Broiler Mash	19.00	4.50	7.00	47.00			1379E5
Analysis	19.75	4.89	5.41	51.86	10.70	7.39	69H
Analysis*	20.85	5.25	5.96	51.36	9.59	6.99	245M
Ful-O-Pep Brand Broiler Mash	19.00	4.00	7.00	47.00			1379E5
Analysis	18.60	4.18	6.63	54.15	9.95	6.49	425H
Aunt Jemima Low-Fat Hominy Feed	10.00	5.00	7.00	60.00			1379E6
Analysis ⁴⁷⁹	10.32	7.97	9.32	60.29	9.17	2.93	57M
Quaker Schumacher Feed	12.00	3.00	12.00	55.00			1379F4
Analysis	12.76	4.96	10.92	56.98	8.09	6.29	461H
Analysis	12.25	4.64	11.90	66.29	9.05	5.87	3J
Analysis	12.44	5.17	11.75	57.89	7.40	5.35	232K
Analysis	11.79	3.23	9.34	60.51	9.89	5.24	428T
Analysis	13.25	3.63	10.69	57.89	9.57	4.97	378W
Quaker Sweet Feed	9.00	1.50	18.50	52.00			1379F7
Analysis	11.20	1.90	12.71	52.14	13.70	8.35	66P
Analysis ⁴⁸⁰	8.58	1.38	18.43	50.10	11.44	10.07	122T
Analysis	11.70	1.98	14.74	51.05	11.66	8.87	133T
Analysis	10.33	1.78	16.07	51.26	12.22	8.34	279T
Analysis	11.28	2.01	14.11	54.01	9.89	8.70	252W
Quaker 18% Protein Dairy Feed	18.00	3.20	13.00	48.00			1379F8
Analysis	18.10	3.16	10.25	53.10	9.97	5.42	364M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

^{476c}Wheat brown shorts and screenings.⁴⁷⁷Deficient in fish meal.⁴⁷⁸Excess of salt found.⁴⁷⁹Ground whole oats present.⁴⁸⁰Salt found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Quaker Oats Company, The, Chicago, Illinois—Cont'd.							
Ful-O-Pep Brand 24% Protein Dairy Feed	24.00	4.00	9.00	41.00	—	—	1379G3
Analysis ⁴⁸¹	24.50	5.83	9.93	41.82	10.45	7.47	322H
Ful-O-Pep Brand Calf Meal	20.00	4.50	8.00	49.00	—	—	1379G4
Analysis	24.51	4.89	5.60	47.24	9.55	8.21	107K
Early Bird Broiler Mash	19.00	4.50	8.00	45.00	—	—	1379H4
Analysis	19.62	3.87	6.56	52.30	10.35	7.30	426H
Quality Feed Store, Waco, Texas.							
Sure-Fine Brand Chick Mash with Buttermilk	15.70	3.50	5.50	53.00	—	—	2002J
Analysis	18.04	4.80	4.39	54.10	11.39	7.28	543W
Sure-Fine Brand Growing Mash	17.00	3.50	7.00	50.00	—	—	2002N
Analysis ⁴⁸²	17.18	4.05	5.52	56.26	9.71	7.28	627W
Quality Hatchery, Lubbock, Texas.							
Akers Chick Starter	18.00	3.50	6.00	50.00	—	—	1055A
Analysis ⁴⁸³	19.72	3.78	8.44	51.06	8.91	8.09	221K
Quality Mills, Austin, Texas.							
Shur-Lay Brand Egg Mash	18.00	3.50	8.00	45.00	—	—	277D
Analysis	20.00	4.28	6.01	50.15	11.47	8.09	139H
Analysis	20.60	4.63	6.00	50.40	9.93	8.44	487H
Pennant Special Laying Mash	20.50	3.50	7.40	44.60	—	—	277N
Analysis	20.95	5.54	6.39	45.42	10.52	11.18	140H
Pennant Growing Mash	17.60	3.60	7.50	48.50	—	—	277S
Analysis	18.49	4.44	6.00	53.04	9.81	8.22	428H
Pennant All-Mash Chick Starter	16.50	3.50	6.00	52.00	—	—	277W
Analysis	17.75	4.65	5.71	55.07	9.93	6.89	358H
Analysis	17.50	4.48	5.20	57.04	9.17	6.61	488H
Austin Maid Laying Mash	20.00	3.70	7.20	46.00	—	—	277Z
Analysis	20.50	6.21	7.38	46.19	9.71	10.01	216H
Hi-Bred Dairy Feed	18.00	3.50	12.00	40.00	—	—	277A4
Analysis ⁴⁸⁴	18.30	4.15	9.39	49.54	10.95	7.67	216H
Aus-Tex Dairy Feed	21.00	3.80	15.00	41.00	—	—	277A6
Analysis ⁴⁸⁵	19.80	2.81	10.45	47.05	12.29	7.60	429H
Quannah Cotton Oil Company, Quannah, Texas.							
43% Protein Cottonseed Meal	43.00	5.20	12.00	23.00	—	—	713I
Analysis	42.66	6.27	10.87	26.37	7.94	5.89	53K
Analysis	43.15	6.08	9.56	29.11	5.53	6.57	175K
Analysis	43.04	5.85	9.60	29.57	5.16	6.78	234K
Analysis ⁴⁸⁶	41.65	5.52	10.86	30.24	5.45	6.28	254S
Analysis	43.93	6.58	9.73	26.51	6.31	6.94	366S
Analysis ^c	41.79	6.30	12.00	27.79	5.92	6.20	252T
Analysis ⁴⁸⁶	43.99	5.84	8.35	30.29	4.67	6.86	393T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴⁸¹Corn gluten feed found, not claimed.⁴⁸²Deficient in salt.⁴⁸³Ground dried kelp claimed, not found.⁴⁸⁴Deficient in ground oyster shell.⁴⁸⁵Corn gluten feed found, not claimed. Deficient in ground oyster shell.⁴⁸⁶Off quality.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Quannah Cotton Oil Company, Quannah, Texas—Cont'd.							
43% Protein Cottonseed Cake.....	43.00	5.20	12.00	23.00			713J
Analysis	43.71	6.18	8.97	27.77	6.84	6.53	261K
43% Protein Coarsely Ground Cottonseed Meal.....	43.00	5.20	12.00	23.00			713P
Analysis	43.00	5.37	10.69	28.25	7.07	5.62	9K
Analysis ⁴⁸⁶	41.36	5.69	11.04	28.90	6.46	6.55	83K
Analysis ^c	42.14	6.18	11.90	27.16	6.95	5.67	246S
Analysis	43.82	5.78	9.20	29.38	5.05	6.77	376S
43% Protein Cottonseed Cubes	43.00	5.20	12.00	23.00			713S
Analysis ⁷⁰	41.03	6.45	11.26	27.48	7.96	5.82	23K
Analysis ^e	42.44	5.72	9.30	28.45	7.73	6.36	87K
Analysis ^f	41.50	6.17	9.86	29.52	6.46	6.49	179K
Analysis ^g	40.80	5.60	11.78	29.89	5.64	6.29	253S
Analysis ⁴⁸⁸	43.15	6.86	8.48	28.15	6.84	6.52	368S
Analysis ⁴⁸⁶	41.63	6.99	11.12	27.19	6.75	6.32	F
Balston Purina Company, Fort Worth, Texas.							
Purina Chick Growers.....	17.00	3.50	7.00	48.00			346A
Analysis ^e	19.57	4.01	5.74	53.98	10.54	6.16	420T
Analysis	20.38	4.33	5.44	54.10	9.29	6.46	460H
Analysis	19.16	3.43	5.45	55.40	10.14	6.37	57J
Analysis	19.39	3.97	5.62	53.58	11.27	6.17	505W
Purina Broiler Chow.....	18.00	3.50	7.00	46.00			346B
Analysis ^e	21.96	3.96	5.55	51.77	10.41	6.35	211W
Analysis	21.67	4.08	5.13	53.88	9.43	5.81	474H
Analysis ^a	21.21	4.34	5.44	53.98	8.11	6.92	409S
Protena 18% Protein Dairy Feed.....	18.00	3.00	13.00	42.00			346F
Analysis ^e	19.97	3.58	10.73	46.91	10.29	8.52	386M
Analysis	19.78	3.47	9.65	49.93	8.68	8.49	643T
Purina Calf Startena.....	19.50	2.50	9.50	43.00			346K
Analysis	22.25	3.56	7.73	47.92	10.59	7.95	162K
Purina Cattle and Sheep Chow	12.00	1.50	10.00	50.00			346Q
Analysis ⁴⁸⁷	15.53	2.89	8.35	54.82	10.76	7.65	309W
Purina Texas 16% Protein Milk Chow.....	16.00	3.00	12.00	48.00			346S
Analysis	17.59	3.64	8.18	51.64	11.82	7.13	390H
Purina Chick Startena.....	18.00	4.00	7.00	46.00			346X
Analysis ⁴⁸⁸	22.00	4.55	4.93	50.90	9.78	7.84	317H
Analysis ^e	22.03	4.47	4.89	50.50	11.46	6.65	350T
Analysis	23.61	4.29	5.42	49.06	10.34	7.28	427M
Purina Sheep Checkers.....	16.00	2.00	9.00	48.00			346B8
Analysis	17.74	3.68	7.78	52.75	10.77	7.28	270H
Analysis	17.92	2.45	6.86	52.67	11.02	9.08	24S
Purina Cattle Checkers.....	16.00	2.00	9.00	48.00			346B9
Analysis	18.10	2.66	7.49	51.54	10.13	10.08	58P
Purina Family Flock Chow.....	20.00	3.50	8.00	44.00			346D3
Analysis	21.50	3.98	7.70	48.08	10.42	8.32	169H
Analysis ⁴⁸⁹	22.42	4.26	7.43	48.50	9.93	7.46	10W
Purina 18% Protein Lay Chow	18.00	3.00	8.00	42.00			346D7
Analysis	20.54	3.33	7.01	53.19	9.27	6.66	649T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴⁸⁶Off quality.⁴⁸⁷Deficient in ground limestone.⁴⁸⁸Excess of ground limestone found.⁴⁸⁹Deficient in ground oyster shell.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1. 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Ralston Purina Company, Fort Worth, Texas—Cont'd.							
Purina 32% Protein Chowder Supplement	32.00	4.50	9.00	26.00	—	—	346E3
Analysis	33.14	5.05	7.11	31.02	8.35	15.33	168H
Purina Steer Patena	12.00	2.00	8.00	54.00	—	—	346E7
Analysis ⁴⁹⁰	13.42	2.06	2.84	31.18	9.39	11.11	33K
Purina Layena (All-Mash Laying Feed)	15.50	3.50	8.00	47.00	—	—	346F9
Analysis ^{489e}	18.43	4.00	5.61	54.15	10.22	7.59	26H
Purina Layena (All-Mash Laying Ration)	15.50	3.50	8.00	47.00	—	—	346F9
Analysis	18.20	3.93	4.74	54.13	10.35	8.65	320H
Analysis ^j	17.42	4.04	5.51	53.51	10.18	9.34	226T
Purina 20% Protein Sheep Checkers	20.00	2.50	8.00	47.00	—	—	346G4
Analysis	15.07	2.73	6.25	58.13	9.88	7.94	311M
Analysis	20.30	3.20	6.33	51.86	10.38	7.93	212S
Purina Hog Chow Supplement	36.00	3.00	14.00	25.00	—	—	346G9
Analysis	37.39	4.86	9.63	26.66	9.21	12.25	41W
Purina Breeder Lay Chow	22.00	3.50	8.00	42.00	—	—	346I9
Analysis	24.03	4.43	7.39	45.16	9.29	9.70	212W
Purina Texas 18% Protein Cow Chow	18.00	3.00	12.00	46.00	—	—	346J9
Analysis ^{kb}	19.55	3.37	8.46	50.18	10.17	8.27	30K
Purina 20% Protein Cow Chow Supplement	20.00	3.00	12.00	43.00	—	—	346K1
Analysis ⁴⁹¹	20.52	3.39	8.69	48.31	9.30	9.79	27H
Purina Texas 24% Protein Cow Chow	24.00	3.00	12.00	38.00	—	—	346K2
Analysis	24.72	4.43	10.33	42.50	7.87	10.15	464H
Analysis	26.43	3.58	10.65	39.53	10.25	9.56	387M
Purina 20% Protein Cattle and Sheep Chow Supplement	20.00	2.50	9.00	45.00	—	—	346K3
Analysis ⁴⁹²	22.32	2.65	6.25	46.98	12.11	9.69	72H
Analysis	22.12	2.52	6.61	47.71	11.65	9.39	77S
Analysis	22.23	2.32	6.76	48.98	10.25	9.46	91W
Purina Work Horse Omolene	10.00	3.00	10.00	56.00	—	—	346K7
Analysis	11.70	5.15	10.06	58.88	9.53	4.68	3K
Ralston Purina Company, Lubbock, Texas.							
Purina Texas 18% Protein Cow Chow	18.00	3.00	12.00	46.00	—	—	79C
Analysis	20.35	3.61	8.29	49.71	9.54	8.50	13K
Purina Texas 24% Protein Cow Chow	24.00	3.00	12.00	38.00	—	—	79D
Analysis	25.59	4.61	10.32	41.58	8.01	9.89	243K
Purina 32% Protein Chowder Supplement	32.00	4.50	9.00	26.00	—	—	79I
Analysis	33.76	5.86	7.44	29.35	7.89	15.70	22K
Purina Family Flock Chow	20.00	3.50	8.00	44.00	—	—	79J
Analysis	22.10	3.94	7.58	47.04	10.60	8.74	126K
Purina Broiler Chow	18.00	3.50	7.00	46.00	—	—	79M
Analysis	21.24	4.44	6.33	52.58	8.68	6.73	N
Purina Chick Startena	18.00	4.00	7.00	46.00	—	—	79O
Analysis ^{jb}	22.40	4.49	4.67	51.75	10.79	5.90	112K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴⁸⁹Deficient in ground oyster shell.⁴⁹⁰Excess of salt found.⁴⁹¹Kafr meal found, not claimed.⁴⁹²Deficient in ground limestone.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Ralston Purina Company, Fort Worth, Texas—Cont'd.							
Purina 20% Protein Cattle							
Checkers	20.00	2.50	8.00	47.00			79B9
Analysis	21.53	3.09	6.01	51.35	10.97	7.05	134S
Purina 20% Protein Sheep							
Checkers	20.00	2.50	8.00	47.00			79C1
Analysis	22.45	3.28	7.03	50.97	9.67	6.60	58K
Analysis	21.83	3.51	6.21	51.68	10.03	6.74	25S
Purina 20% Protein Cattle and Sheep Chow Supplement							
Analysis	20.00	2.50	9.00	45.00			79C3
Analysis	26.60	3.33	7.56	42.87	9.61	10.03	117K
Purina Hog Chow Supplement							
Analysis	36.00	3.00	14.00	25.00			79C4
Analysis ⁴⁹⁵	36.81	5.44	9.30	28.00	9.67	10.78	269S
Analysis	37.70	4.93	10.28	25.96	9.28	11.85	92K
Purina Sow and Pig Chow Supplement							
Analysis ⁴⁹⁶	28.00	3.00	8.00	36.00			79C5
Analysis	29.11	4.24	6.85	39.41	10.31	10.08	279S
Purina Sow and Pig Chow Supplement							
Analysis	28.00	3.00	9.00	36.00			79C5
Analysis	29.66	4.73	7.65	37.23	9.78	10.95	98K
Randolph-Norman Grain Company, Lamesa, Texas.							
Lamesa-Mix Chick Starter	17.00	3.50	6.00	51.00			467J
Analysis	17.70	3.61	5.82	54.63	8.91	9.33	475S
Our Pride Brand Chick Starter	18.00	3.50	6.50	50.00			467L
Analysis	19.41	3.97	5.53	53.65	9.51	7.93	397S
Our Pride Brand Growing Mash	16.00	3.50	6.00	51.00			467M
Analysis	19.18	3.69	6.03	53.94	9.13	8.03	201K
Ratliff Feed Store, A. J., Ranger, Texas.							
Our-Own Brand Egg Mash	20.00	3.50	8.00	44.00			248G
Analysis	21.68	4.18	7.53	45.36	9.63	11.62	238T
Our-Own Brand All-Mash Chick Starter	17.00	3.50	5.50	54.00			248N
Analysis ⁴⁹³	17.65	4.40	5.70	54.25	10.65	7.35	333T
Beardon Grain & Produce Company, Mason, Texas.							
Beardon's Dairy Feed	20.00	4.00	11.00	47.00			2412A
Analysis ⁴⁹⁴	19.76	4.72	9.40	49.16	10.32	6.64	44S
Analysis	20.18	4.33	10.75	47.21	9.49	8.04	565S
Red Chain Feed Company, Dallas, Texas.							
Ideal Brand Dairy Feed	18.50	4.00	12.00	44.00			582B
Analysis ⁴⁹⁵	20.42	5.49	12.47	45.15	9.97	6.50	396T
Ideal Brand Egg Mash	20.00	3.80	7.50	46.00			582C
Analysis ⁴⁹⁶	20.98	3.89	7.75	45.69	9.62	12.07	1T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴⁹³Excess in salt found.⁴⁹⁴Peanut meal claimed, not found.⁴⁹⁵Ground peanut hay claimed, not found. Peanut hulls found, not claimed.⁴⁹⁶Deficient in ground oyster shell.⁴⁹⁶Milo meal found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Reed, G. H., Mart, Texas.							
Reed's Economy Brand Lay- ing Mash	18.00	3.50	6.00	51.00			252A
Analysis	19.00	3.80	5.13	53.39	9.83	8.85	317W
Reed's Best Starting Mash	19.60	3.50	5.00	50.00			252C
Analysis ⁴⁹⁷	21.10	4.53	4.89	49.54	9.72	10.22	454W
Reneau Brothers, Seguin, Texas.							
Reneau's Supreme Brand Lay- ing Mash	20.00	3.70	7.50	45.50			67B
Analysis	20.53	5.07	5.79	49.71	9.70	9.20	471H
Reneau's Popular Brand Lay- ing Mash	19.00	3.60	7.50	48.00			67I
Analysis	19.60	3.92	5.60	54.33	9.70	6.85	470H
Reneau's Home-Mix Growing Mash	17.00	3.50	7.50	50.50			67L
Analysis	20.05	5.17	6.03	50.65	9.49	8.61	472H
Rhyme Milling Company, Rhyme, Texas.							
Ground Whole Oats	11.00	4.00	12.00	58.00			12H
Analysis	10.70	4.56	13.33	56.74	10.25	4.42	49P
Riceland Mill, Eagle Lake, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00			1563B
Analysis	8.80	3.30	8.50	65.51	12.28	1.61	193M
Farmer's Pride Brand Hog Feed	15.00	5.00	7.50	52.00			1563K
Analysis	16.31	5.95	6.05	52.12	12.03	7.54	194M
Farmer's Pride Brand Grow- ing Mash	16.00	3.50	7.50	51.00			1563L
Analysis ⁴⁹⁸	17.65	4.31	7.81	53.19	10.98	6.06	51M
Farmer's Pride Brand Laying Mash	19.00	3.60	8.00	47.00			1563M
Analysis ⁴⁹⁸	20.97	4.05	6.60	50.30	10.68	7.40	52N
Richmond Cotton Oil Company, Inc., Richmond, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			1338A
Analysis ^c	41.65	7.33	10.27	27.19	7.07	6.49	559M
Richter Feed Milling, Walter, Iago, Texas.							
Mixed Feed	14.50	3.30	16.50	48.00			988A
Analysis ⁴⁹⁹	9.05	2.37	15.08	55.05	13.84	4.61	120M
Ear Corn Chop with Husk, Al- falfa Meal, and Molasses	8.00	2.00	18.00	53.00			988B
Analysis	9.90	2.24	16.33	53.65	12.44	5.44	321M
Laying Mash	20.00	3.60	5.50	45.50			988E
Analysis	21.49	5.09	5.97	45.93	10.99	10.53	322M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴⁹⁷Excess of ground limestone and salt found.⁴⁹⁸Deficient in calcium carbonate.⁴⁹⁹Deficient in whole-pressed cottonseed and excess of ear corn chop with husk found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Riesel Gin Company, Riesel, Texas.							
Ginco All-Mash Chick Starter	16.50	3.50	5.00	54.50			1245B
Analysis	18.90	5.65	5.76	52.51	10.09	7.09	452W
Ginco Economy Brand Laying Mash	19.00	3.50	7.80	47.30			1245K
Analysis	21.23	4.30	6.38	49.33	9.20	9.56	630W
Rio Grande Valley Citrus Exchange, Weslaco, Texas.							
Texsun Brand Dried Citrus Pulp	5.50	2.50	10.50	62.00			1899A
Analysis	5.01	7.19	11.16	68.47	4.28	7.99	246H
Analysis	5.50	3.54	10.40	64.69	8.69	7.18	310H
Texsun Brand Finely Ground Dried Citrus Pulp	6.00	2.50	11.50	62.00			1899B
Analysis*	5.00	1.43	8.18	66.60	9.24	9.55	44P
Texsun Brand Finely Ground Dried Citrus Pulp	5.50	2.50	10.50	62.00			1899B
Analysis*	6.00	1.08	9.18	67.38	5.86	10.50	342H
Texsun Brand Dried Citrus Pulp with Molasses	5.00	2.00	9.00	62.50			1899C
Analysis	5.40	1.91	9.94	63.99	11.05	7.71	506H
Texsun Brand Alfalfa Leaf Meal	20.00	2.50	18.00	40.00			1899E
Analysis	21.15	3.23	17.87	36.39	4.05	17.31	450H
Analysis	18.57	2.28	21.48	40.02	6.21	11.44	538M
Rio Grande Valley Cotton Oil Company, Clint, Texas.							
43% Protein Cottonseed Cake	43.00	6.00	12.00	23.00			1078A
Analysis*	40.78	6.62	11.14	28.29	7.20	5.97	299S
Analysis	42.75	6.53	9.57	27.40	7.70	6.05	303S
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			1078B
Analysis*	42.37	7.00	10.18	27.57	7.09	5.79	297S
Analysis*	40.04	7.28	11.22	28.04	7.61	5.81	302S
Analysis*	42.31	6.80	10.29	27.10	7.23	6.27	495S
38.56% Protein Cracked Cottonseed Feed							
Analysis ^{g b c 500}	33.68	5.69	16.12	30.82	8.20	5.49	414S
E. & M. Feed Store, Bowie, Texas.							
Farm Balanced Chick Starter	17.50	3.50	6.00	53.00			683D
Analysis ⁵⁰¹	18.81	3.89	4.08	57.32	10.14	5.76	542T
Farm Balanced Dairy Feed	17.60	3.00	11.00	49.00			683J
Analysis	19.17	3.05	9.31	51.13	11.33	6.01	186T
Roach Feed & Grocery Company, Garland, Texas.							
Special Mix Egg Mash	19.00	3.60	6.70	46.00			652C
Analysis	19.64	5.13	6.06	50.63	10.25	8.29	75T
Analysis	19.80	4.77	6.15	50.22	10.43	8.63	447T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁵⁰⁰Ground cottonseed feed.⁵⁰¹Fish meal claimed, not found. Shrimp meal found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Robbins Feed & Grocery Company, Dublin, Texas.							
Shamrock Egg Mash	20.00	3.60	7.50	50.00			1370A
Analysis ^a	18.55	4.33	6.14	52.84	11.06	7.08	246W
Shamrock Growing Mash	18.00	3.50	9.50	46.00			1370D
Analysis	19.43	4.81	5.22	53.54	11.32	5.68	520W
Shamrock Cow Feed	15.50	3.30	27.50	38.00			1370O
Analysis	13.53	3.38	18.49	47.50	10.20	6.90	336T
Analysis ⁵⁰²	15.46	3.28	17.54	43.13	9.37	11.22	586T
Analysis	13.50	3.11	25.89	40.69	10.80	6.01	54W
Roberts Seed Company, Texico, New Mexico.							
Roberts' Texico Brand 20% Protein Cattle Feed	20.00	3.00	9.50	48.00			2017N
Analysis ^{503b}	21.93	3.45	7.80	50.11	7.78	8.93	372S
Robinson Bros., Austin, Texas.							
Block 8 Laying Mash	20.50	3.50	7.40	44.60			1647G
Analysis ^{504a}	22.27	5.23	6.95	48.61	8.04	8.90	3H
Block 8 Laying Mash	20.50	3.50	7.00	45.00			1647G
Analysis	21.87	4.49	6.78	48.65	10.11	8.10	432H
Robinson Bros.' All-Mash Laying Feed	17.00	3.50	6.40	51.00			1647M
Analysis	19.70	3.54	5.54	52.99	9.56	8.67	218H
Robinson's Dairy Mix	15.00	3.00	16.00	46.00			1647N
Analysis	14.50	2.89	14.31	50.32	11.48	6.50	74H
Roddy Milling Company, Corpus Christi, Texas.							
Blackland Special	11.00	3.00	5.50	53.00			2627E
Analysis ⁵⁰⁵	13.10	3.15	3.39	56.24	11.14	2.98	11H
Analysis	12.30	3.63	2.90	54.12	10.89	6.16	498H
Roddy's Egg Mash	20.00	3.50	7.00	45.50			2627F
Analysis ⁵⁰⁶	20.00	4.64	4.36	53.19	10.12	7.69	12H
Analysis ⁵⁰⁷	19.38	4.51	4.49	51.66	10.68	9.28	235H
Kremo Dairy Feed	17.00	3.00	13.00	47.50			2627I
Analysis ⁵⁰⁸	17.75	3.03	7.61	51.01	13.42	7.18	85H
Analysis ⁵⁰⁹	15.03	3.31	6.60	55.37	12.82	6.87	236H
Analysis ⁵⁰⁹	15.21	2.73	6.61	54.82	14.34	6.29	307H
Roddy's Milo Head Chop and Molasses	7.00	2.00	7.00	65.00			2627L
Analysis	8.80	1.39	6.86	57.95	19.70	5.30	13H
Roddy's Growing Mash with Cod Liver Oil	18.00	3.60	7.30	47.00			2627N
Analysis	18.55	4.50	4.68	55.05	10.95	6.27	374H

^a a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.⁵⁰² Milo head chop found, not claimed.⁵⁰³ In pellet form.⁵⁰⁴ Ground whole oats claimed, not found. Deficient in salt and excess of ground oyster shell found.⁵⁰⁵ Some ground whole oats found, not claimed.⁵⁰⁶ Linseed meal, ground whole oats, and corn bran found, not claimed.⁵⁰⁷ Excess of ground oyster shell found.⁵⁰⁸ Deficient in ground limestone and excess of salt found.⁵⁰⁹ Rice bran found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in *italics* following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Rodgers, Major H., Levelland, Texas. Laymore Brand Egg Mash -----	18.00	3.60	8.00	46.50	-----	-----	1766K
Analysis -----	18.90	4.63	6.19	51.59	9.69	9.00	223S
Rodney Milling Company, Kansas City, Missouri. Jersey Wheat Gray Shorts and Screenings -----	17.00	3.50	6.00	55.00	-----	-----	1926A
Analysis ⁵¹⁰ -----	18.00	4.31	6.53	55.36	11.27	4.53	507W
Rodriguez & Arranga, Del Rio, Texas. Wheat Mixed Feed -----	16.00	3.50	8.50	52.00	-----	-----	1068A
Analysis -----	15.13	4.29	9.80	53.63	11.81	5.34	1068A
Roesling & Company, R. J., San Francisco, California. Eggo Brand 68% Protein Sardine Meal -----	68.00	4.00	1.00	1.00	-----	-----	2236A
Analysis -----	71.19	4.99	.37	6.17	5.16	12.12	110M
Analysis ⁵¹¹ -----	66.03	6.84	.43	1.73	10.19	14.78	148M
Analysis ⁵¹¹ -----	65.95	7.27	.42	1.22	10.17	14.97	149M
Analysis ⁵¹² -----	69.61	3.20	.27	6.35	7.71	12.86	540M
Analysis -----	68.11	3.08	.55	5.73	6.14	16.39	244S
Analysis ⁵¹³ -----	70.15	3.91	.18	6.71	6.11	12.94	418S
Analysis -----	69.92	2.56	.30	5.27	7.41	14.54	308W
Rogers Grain Company, Inc., Houston, Texas. Rogers' Super-Brand Fattener -----	14.50	4.20	5.00	60.00	-----	-----	850G
Analysis -----	16.05	6.11	4.28	58.02	10.60	4.94	18M
Analysis ⁵¹² -----	15.90	6.88	4.39	57.09	10.43	5.31	347M
Rosebud Oil & Cotton Company, Rosebud, Texas. 41% Protein Cottonseed Meal -----	41.00	5.00	12.00	25.00	-----	-----	226A
Analysis ⁵¹⁴ -----	39.79	7.24	8.90	28.83	8.39	6.85	557W
43% Protein Cottonseed Meal -----	43.00	5.20	12.00	25.00	-----	-----	226C
Analysis -----	43.00	6.47	9.33	27.83	7.27	6.10	152W
Analysis ⁵¹⁵ -----	40.55	8.06	9.36	28.66	6.84	6.53	320W
43% Protein Cottonseed Cake -----	43.00	5.20	12.00	25.00	-----	-----	226D
Analysis -----	43.19	5.94	9.20	26.79	8.85	6.03	153W
Rose City Feed Mill, Tyler, Texas. Rose City 24% Protein Dairy Feed -----	24.00	4.50	11.50	39.50	-----	-----	1908A
Analysis -----	25.06	6.13	10.51	39.23	10.12	8.95	483T
Rose City Hog and Pig Feed -----	15.50	3.00	8.00	52.00	-----	-----	1908D
Analysis ⁵¹⁴ -----	16.45	3.33	7.25	57.35	10.58	5.04	29J
Rose City Chick Starter -----	18.00	3.60	6.00	50.00	-----	-----	1908E
Analysis -----	20.35	3.84	5.63	56.43	5.60	8.15	482T
Ross-Hicks Grain Company, Fort Worth, Texas. Ear Corn Chop with Husk -----	8.00	3.00	10.00	65.00	-----	-----	1316A
Analysis -----	8.11	3.28	9.61	66.37	11.19	1.44	344T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁵¹⁰Wheat brown shorts and screenings.⁵¹¹Refund paid in part.⁵¹²Rice polishings found, not claimed.⁵¹³Off quality.⁵¹⁴Rice bran claimed, not found. Milo head stems and ground whole oats found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Ross-Hicks Grain Company, Fort Worth, Texas—Cont'd.							
Ground Whole Oats	11.00	4.00	12.00	58.00			1316B
Analysis ⁵¹⁵	11.60	3.68	12.04	57.24	10.67	4.77	232T
Analysis	11.02	4.10	10.65	59.30	10.76	4.17	305T
Alfalfa Meal and Molasses	9.50	1.00	25.00	36.00			1316E
Analysis	12.88	1.62	20.47	40.99	11.36	12.68	140T
Analysis ⁵¹⁶	9.26	.76	32.22	38.15	12.93	6.68	222T
Alfalfa Meal and Molasses	11.00	1.20	28.00	39.50			1316E
Analysis	11.60	.81	21.63	41.26	14.51	10.19	595T
Analysis	8.63	.52	29.72	45.40	8.81	6.92	644T
Milo Head Stems and Molasses	4.50	0.80	20.00	55.00			1316F
Analysis ⁵¹⁷	3.71	.35	20.34	50.25	17.35	8.00	221T
Milo Chop	10.00	2.50	3.00	70.00			1316Q
Analysis ⁵¹⁸	11.00	2.71	3.82	65.29	11.78	5.40	400T
Alfalfa Meal	13.00	1.50	33.00	35.00			1316R
Analysis ⁵¹⁹	10.08	1.02	43.69	39.87	10.03	5.31	399T
Roswell Cotton Oil Company, Roswell, New Mexico.							
Roswell Cubes containing Molasses	25.00	5.20	21.50	30.50			1110C
Analysis ^{519b}	24.83	5.50	18.88	37.10	8.70	4.99	99K
Analysis ^{520b}	25.42	6.03	20.85	38.70	4.12	4.88	367S
Analysis ⁵²¹	26.42	5.45	21.64	34.65	6.91	4.93	641S
Rowell Feed Store, Anson, Texas.							
Rowell's Top-Notch Brand Laying Mash	19.80	3.50	8.00	46.50			616A
Analysis ⁵²²	18.61	4.08	6.81	52.15	9.84	8.51	384T
Rowell's Top-Notch Brand Dairy Feed	17.00	3.30	9.80	50.60			616B
Analysis	19.87	3.99	8.10	49.08	10.69	8.27	60S
Rowell's Top-Notch Brand Chick Starter	17.00	3.50	5.00	51.00			616C
Analysis ⁵²³	19.71	4.00	6.80	54.54	9.47	5.48	537S
Rowell's Top-Notch Brand Gro-Mash	15.50	3.50	6.00	50.00			616D
Analysis ⁵²⁴	19.21	4.10	5.37	53.28	9.53	8.51	586S
Ruhmann Grain & Seed Company, Waco, Texas.							
Texas Queen Brand 20% Protein Laying Mash	20.00	4.00	7.00	46.00			1640P
Analysis	20.70	4.73	5.59	48.19	10.53	10.26	197W
Texas Queen Brand 17% Protein Starting Mash	17.00	4.00	6.00	45.00			1640S
Analysis	19.66	4.17	4.21	54.89	8.71	8.36	448W

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

⁵¹⁵Ground whole barley and rice hulls found, not claimed.⁵¹⁶Rice hulls found, not claimed.⁵¹⁷Peanut hulls found, not claimed.⁵¹⁸Alfalfa stem meal.⁵¹⁹In ground condition. Deficient in ground oyster shell.⁵²⁰In ground condition. Molasses claimed, not found.⁵²¹Deficient in ground oyster shell.⁵²²Cottonseed meal found, not claimed.⁵²³Fish meal found, not claimed. Deficient in ground oyster shell.⁵²⁴Peanut meal and soybean oil meal found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regi- stration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Ruhmann Grain & Seed Company, Waco, Texas—Continued.							
Texas Queen Brand 16% Pro- tein Growing Mash	16.00	4.00	6.50	47.50	-----	-----	1640T
Analysis ⁵²⁵	17.88	5.09	4.22	54.23	9.83	8.75	623W
Radio Brand Egg-Producer Feed	19.00	3.80	8.00	43.50	-----	-----	1640A3
Analysis	21.95	4.57	6.09	47.15	10.47	9.77	104W
Radio Brand Sweet Feed	9.00	2.00	12.00	53.00	-----	-----	1640B4
Analysis	6.85	.96	17.43	52.33	11.89	10.54	195W
Analysis ^a	7.18	.83	17.39	51.04	12.48	11.08	202W
Analysis	8.46	1.15	12.82	52.06	13.00	12.51	459W
Ruhmann Grain & Seed Com- pany, Waco, Texas, and Branches							
Ground Whole Oats	11.00	4.00	12.00	58.00	-----	-----	669B
Analysis	9.50	5.48	12.32	59.10	9.82	3.78	56P
Rule Cotton Oil Mill, Rule, Texas.							
Chuck Wagon Brand 43% Pro- tein Cottonseed Cake	43.00	6.00	12.00	23.00	-----	-----	702A
Analysis	44.10	6.79	9.76	26.71	6.67	5.97	204S
Chuck Wagon Brand 43% Pro- tein Cottonseed Meal	43.00	6.00	12.00	23.00	-----	-----	702B
Analysis	43.05	8.70	10.03	25.01	7.51	5.70	138S
Analysis	42.90	6.11	10.41	25.95	7.53	6.10	154S
Analysis	44.46	7.22	10.16	25.25	6.96	5.95	205S
Analysis	44.10	7.75	9.63	24.10	8.53	5.89	498T
Analysis	43.80	6.73	10.25	25.59	7.61	6.02	626T
Rule-Jayton Cotton Oil Company, Stamford, Texas, and Branches.							
Ruco Mixed Feed No. 1	13.50	2.00	36.00	36.00	-----	-----	986A
Analysis	15.30	3.57	32.04	37.36	8.05	3.68	383S
Saint & Company, Inc., Houston, Texas.							
Royal King Brand Dairy Feed	16.00	4.20	12.00	42.00	-----	-----	2275C
Analysis	20.12	4.21	9.08	48.79	10.48	7.32	28M
Corn Chop	9.00	3.50	3.00	70.00	-----	-----	2275E
Analysis	10.50	2.95	1.50	70.64	12.75	1.66	407M
Rice Hulls, Rice Bran, Molas- ses, Alfalfa Stem Meal, Corn Chop, and Salt	6.30	2.60	21.50	43.00	-----	-----	2275I
Analysis ⁵²⁶	5.40	1.15	19.98	46.51	12.87	14.09	31M
Analysis	5.90	1.95	20.33	43.52	14.85	13.45	471M
Saint's Horse and Mule Feed	9.00	3.00	10.00	60.00	-----	-----	2275J
Analysis ⁵²⁷	8.65	2.86	8.36	64.22	11.97	3.94	228M
Square Deal Brand Cow Feed	18.00	3.80	22.50	37.00	-----	-----	2275A9
Analysis ⁵²⁸	20.00	4.19	22.07	34.95	9.80	8.99	30M
Analysis	18.96	3.22	26.36	32.46	11.10	7.90	472M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁵²⁵ Fish meal claimed, not found.⁵²⁶ Ground whole oats found, not claimed.⁵²⁷ Rice hulls found, not claimed.⁵²⁸ Corn chop and milo chop found, not claimed. Excess of ground oyster shell found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Saint & Company, Inc., Houston, Texas—Cont'd.							
Alfalfa Stem Meal, Molasses, and Salt	9.00	1.00	27.00	46.00	—	—	2275B2
Analysis ⁵²⁹	7.25	.56	23.49	44.64	14.85	9.21	165M
Buckhorn Brand Laying Mash	18.00	3.50	8.00	47.20	—	—	2275B8
Analysis ⁵³⁰	19.00	6.27	7.59	48.81	9.26	9.07	29M
Alfalfa Stem Meal, Molasses, Oyster Shell, and Salt	7.40	0.60	31.00	36.00	—	—	2275D8
Analysis ⁵³¹	11.06	.97	24.69	40.33	12.60	10.35	361M
Salley Company, J. H., Liberal, Kansas.							
Salley's Whole Barley Chop	11.00	1.50	6.00	65.00	—	—	1194K
Analysis ⁵³²	12.14	1.77	5.33	68.50	8.94	3.32	5K
San Angelo Rendering Company, San Angelo, Texas.							
Huntington's 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00	—	—	1398A
Analysis ^a	49.05	2.67	2.69	3.03	6.69	25.87	30S
San Antonio Oil Works, San Antonio, Texas.							
43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00	—	—	930E
Analysis	43.13	5.52	11.25	26.55	7.73	5.82	32H
San Marcos Oil Mill, San Marcos, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	—	—	528I
Analysis	43.54	6.96	10.68	26.42	6.71	5.69	1H
Analysis ⁵³³	38.38	6.33	13.28	27.23	9.28	5.50	289H
Analysis	39.31	6.18	12.62	26.82	9.42	5.65	427H
Analysis	39.87	6.37	12.26	27.21	8.40	5.89	486H
43% Protein Cracked Cottonseed Cake	43.00	6.00	12.00	23.00	—	—	528J
Analysis	44.01	6.10	9.90	25.61	8.53	5.85	71H
Santos Products Company, Eagle Pass, Texas.							
Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00	—	—	450C
Analysis	20.38	4.92	6.01	55.49	9.39	3.81	118H
Analysis ⁵³⁴	14.79	1.52	2.35	68.53	10.96	1.85	405H
Sayers & Son, Houston, Texas.							
Hearty Brand Laying Mash	18.00	3.50	7.00	49.00	—	—	1494C
Analysis	20.86	4.87	6.29	43.48	9.92	9.58	170M
Hearty Brand Growing Mash	16.00	3.50	6.60	53.00	—	—	1494D
Analysis	18.20	5.68	5.81	52.17	10.94	7.20	104M
Hearty Brand All-Mash Starting Ration	15.50	3.60	6.60	52.00	—	—	1494F
Analysis ⁵³⁵	16.40	5.44	5.38	54.44	11.10	7.24	169M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.⁵²⁹Ground limestone found, not claimed. Excess of salt found.⁵³⁰Excess of salt found.⁵³¹Cottonseed meal found, not claimed.⁵³²Milo meal and wheat chop present.⁵³³Excess cottonseed hulls present.⁵³⁴Wheat white shorts and screenings.⁵³⁵Excess of ground oyster shell found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Sayers & Son, Houston, Texas—Cont'd, Hearty Brand Special Cow Feed Analysis ⁵³⁵	19.00 18.12	3.80 5.12	18.00 17.68	39.00 39.94	10.78	8.36	1494J 34M
Schier Bros., Sealy, Texas. Ear Corn Chop with Husk Analysis Safe-Way Brand Growing Mash Analysis Safe-Way Brand Broiler-Maker Mash Analysis ⁵²⁶ Safe-Way Special Brand Lay- ing Mash Analysis ⁵²⁷ Safe-Way Brand 40% Protein Feeders Concentrate and Hog Supplement Analysis Safe-Way Brand 24% Protein Dairy Feed Analysis Seal-Tex Quality Brand Lay- ing Mash Analysis ⁵²⁸ Safe-Way Brand Cattle Feed Cubes Analysis	8.00 8.16 16.00 18.14 20.00 20.44 20.00 20.70 40.00 39.75 24.00 24.60 20.00 21.20 17.00 17.80	3.00 2.88 3.50 3.80 4.00 4.88 3.50 3.70 4.00 5.55 3.70 4.93 3.50 4.28 3.00 3.04	10.00 10.23 7.00 4.63 6.00 5.29 7.00 5.51 8.00 8.14 12.00 9.17 7.00 5.74 7.00 5.44	65.00 64.63 52.00 53.71 48.00 49.10 48.00 50.96 18.00 22.05 40.00 42.02 47.00 49.61 51.00 56.55	11.99 11.30 10.97 9.85 7.57 11.30 10.96 11.45	2.11 8.42 9.32 9.28 16.94 7.98 8.21 5.72	911B 40M 911F 542M 911G 41M 911I 543M 911K 270M 911N 269M 911O 42M 911R 150M
Schulenburg Oil Mill, The, Schulenburg, Texas. 43% Protein Cottonseed Meal Analysis	43.00 43.51	6.00 6.97	12.00 8.54	23.00 25.99	8.82	6.17	404B 154M
Schumacher Oil Works, The H., Navasota, Texas. 43% Protein Cottonseed Meal Analysis ⁵²⁹ Analysis ⁵³⁰	43.00 42.20 42.40	5.20 6.20 6.09	12.00 9.63 10.58	25.00 27.76 26.61	7.80 7.85	6.41 6.47	803C 212M 395M
Schuster Commission Company, El Paso, Texas. 50% Protein Meat and Bone Scraps Analysis Wheat Gray Shorts Analysis ⁵²⁸ Analysis ⁵²⁹	50.00 53.33 17.00 16.56 17.46	6.00 10.82 4.00 4.21 5.20	2.00 1.67 6.00 7.79 7.35	0.00 1.78 55.00 55.67 57.47	3.87 11.12 8.37	28.53 4.65 4.15	1368D 555S 1368F 168S 553S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁵³⁵Excess of ground oyster shell found.⁵³⁰Deficient in ground oyster shell.⁵²¹Molasses claimed, not found.⁵²⁸Wheat mixed feed.⁵²⁹Wheat brown shorts.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Schwartzman Packing Company, Albuquerque, New Mexico.							
Schwartzman's 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00	—	—	2432A
Analysis ^a	42.45	8.68	4.33	14.46	5.75	24.28	459S
Analysis ^c	42.84	6.73	4.15	16.10	4.55	25.63	552S
Scott Bros. Grain Company, Inc., Fort Worth, Texas.							
Ground Whole Oats	11.00	4.00	12.00	58.00	—	—	69A
Analysis	11.08	4.92	12.18	57.87	8.88	5.07	145T
Analysis ⁵³⁰	10.59	5.00	13.67	54.74	10.73	5.27	308T
Analysis ⁵³¹	14.34	4.52	9.40	56.76	10.55	4.43	505T
Analysis	13.98	5.19	8.41	60.17	8.00	4.25	597T
Pepelo Egg Mash	19.00	4.00	7.00	48.00	—	—	69L
Analysis ^e	17.97	5.20	5.00	51.94	10.16	9.73	267M
Pepelo Egg Mash	19.00	3.50	8.00	48.00	—	—	69L
Analysis	17.87	3.69	5.99	54.76	9.99	7.70	484W
Milkelo Dairy Feed	22.00	3.50	12.00	50.00	—	—	69P
Analysis ⁵³²	10.15	4.31	11.26	55.88	11.87	6.51	385M
Cackelo Starter	17.00	3.60	6.00	53.00	—	—	69Q
Analysis	20.66	5.12	4.73	49.58	9.39	10.52	432S
Workelo Horse and Mule Feed	9.50	3.00	11.50	55.00	—	—	69T
Analysis ⁵³³	10.60	4.76	10.16	56.97	11.05	6.46	346W
Alfamo Feed	10.00	1.00	21.00	44.00	—	—	69W
Analysis	8.60	.50	19.95	48.69	15.40	6.86	58T
Analysis ⁵³⁴	8.68	.70	23.59	43.64	16.66	6.73	144T
Pepelo Special 24% Protein Sweet Feed	24.00	4.00	14.00	41.00	—	—	69Y
Analysis	24.80	3.32	11.28	40.25	9.66	10.69	384M
Analysis	20.88	2.86	11.34	43.63	10.35	10.94	476W
Cackelo All-Mash Starter	16.00	3.60	6.50	53.00	—	—	69B3
Analysis ^j	16.70	4.68	4.39	56.24	10.46	7.53	522W
Bulkelo Special Sweet Feed	9.00	2.00	17.00	49.00	—	—	69B9
Analysis ⁵³⁵	9.00	1.17	20.42	44.44	11.77	13.20	383M
Analysis	9.85	.92	15.06	49.07	13.82	11.28	223T
Analysis ⁵³⁶	10.98	1.69	17.12	45.37	12.88	11.96	309T
Cackelo 36% Protein Supplement	36.00	4.80	5.00	22.50	—	—	69C2
Analysis ^{j,k,536}	36.88	5.54	5.56	23.47	8.05	20.50	560S
Pepelo Scratch Feed	10.00	2.40	4.00	68.00	—	—	69C3
Analysis ⁵³⁷	11.30	2.78	1.79	72.71	9.61	1.81	644W
Cackelo Growing Mash Pellets	16.00	3.50	6.00	54.00	—	—	69C5
Analysis ^{538,539}	16.10	4.85	5.07	55.78	10.90	7.30	561S
Longhorn Brand 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00	—	—	69C8
Analysis ^c	46.44	12.52	2.75	3.94	7.05	27.30	331T
Longhorn Brand 50% Protein Feeding Tankage with Bone	50.00	3.00	4.00	0.00	—	—	69F1
Analysis ^c	46.96	10.40	1.86	3.52	7.19	30.07	32T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁵³⁰ Corn meal and rice hulls present.⁵³¹ Milo meal present.⁵³² Linseed meal claimed, not found. Excess of ground limestone found.⁵³³ Deficient in ground limestone.⁵³⁴ Ground peanut hay found, not claimed.⁵³⁵ Peanut hulls and rice hulls found, not claimed.⁵³⁶ Excess of salt found.⁵³⁷ Deficient in barley.⁵³⁸ In ground condition. Defaced tags attached. Fish meal and ground dried kelp claimed, not found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Scott Feed Store, Waco, Texas.							
Scott's Dairy Feed	19.00	3.80	11.00	45.50			1799B
Analysis	19.80	4.08	9.34	50.56	9.77	6.45	629W
Sealy Oil Mill & Manufacturing Company, Sealy, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			1449C
Analysis	42.73	6.40	9.74	32.34	2.88	5.91	271M
Seguin Cotton Oil Company, The, Seguin, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			673A
Analysis	42.60	5.96	10.65	27.01	7.94	5.84	125H
Analysis ^c	42.46	6.21	10.54	26.60	8.21	5.98	138H
43% Protein Screened Cracked Cottonseed Cake	43.00	6.00	12.00	23.00			673B
Analysis	44.13	6.43	9.81	26.41	7.28	5.94	213H
43% Protein Peanut Meal	43.00	6.00	12.00	23.00			673E
Analysis ^c	43.92	7.23	16.54	19.67	8.02	4.62	342M
Seguin Milling Company, Seguin, Texas.							
White House 24% Protein Dairy Feed	24.00	3.70	11.50	41.00			103T
Analysis	22.40	3.84	8.85	46.62	10.79	7.50	43H
Analysis ⁵³⁹	22.07	3.45	9.33	46.85	11.07	7.23	190H
Analysis ⁵³⁹	23.36	3.73	10.11	43.86	11.18	7.76	198H
Analysis	23.80	4.18	11.00	41.36	11.40	8.26	399H
White House All-Mash Chick Starter	17.00	4.00	5.00	52.00			103X
Analysis	18.07	4.61	5.03	53.40	10.02	8.87	357H
White House Growing Mash with Buttermilk and Cod Liver Oil	16.00	3.50	6.00	54.00			103Y
Analysis	16.10	4.05	5.39	55.81	11.15	7.50	421H
Economy Brand Dairy Feed	18.00	3.20	13.00	45.50			103A3
Analysis	19.53	3.24	8.60	50.37	10.72	7.54	42H
Analysis ^c	20.05	3.35	11.70	44.45	11.70	8.75	400H
Economy Brand Dairy Feed	18.00	3.20	11.00	49.00			103A3
Analysis ⁷	20.25	3.57	9.84	46.75	10.88	8.71	519M
Economy Brand Five Laying Mash	18.00	3.50	8.00	47.00			103B6
Analysis ⁷ ⁶⁴⁰	18.80	3.79	6.65	51.89	10.05	8.82	136H
Analysis	19.65	3.88	5.97	51.85	10.55	8.10	422H
Texas Cowboy Sweet Feed	9.00	2.00	14.00	50.00			103C3
Analysis ⁵⁴¹	11.82	2.34	8.25	57.49	11.54	8.56	137H
Analysis ⁵⁴²	12.06	3.09	10.86	54.73	10.12	9.14	469H
White House Laying Mash with Buttermilk and Cod Liver Oil	20.00	3.70	6.50	47.00			103D3
Analysis ⁵⁴³	20.03	4.25	6.97	48.28	10.39	10.08	308H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁵³⁹Deficient in ground limestone and excess of salt found.⁵⁴⁰Deficient in ground oyster shell.⁵⁴¹Deficient in ground limestone.⁵⁴²Rice bran and ground whole barley found, not claimed.⁵⁴³Deficient in ground oyster shell and excess of salt found.

Table 18. **Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued**

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Seguin Milling Company, Seguin, Texas—Cont'd.							
Wheat Gray Shorts	15.50	4.00	6.00	55.00			103D9
Analysis ^a	19.12	4.04	4.44	57.47	11.59	3.34	47H
White House Sheep Feed Cubes	16.00	3.00	7.00	52.50			103E4
Analysis	17.40	3.08	6.18	54.91	11.60	6.83	191H
Big S 9% Protein Sweet Feed	9.00	1.50	15.00	48.50			103E9
Analysis	9.55	2.46	16.21	49.44	10.27	12.07	485H
Service Feed Store, Beaumont, Texas.							
U-Lika Brand Dairy Feed	19.00	4.00	15.00	40.00			154A
Analysis ⁵⁴⁴	18.56	4.38	10.53	45.85	13.20	7.48	96M
Serve-Us Feed Mills, Port Worth, Texas.							
Serve-Us Egg Mash	19.50	3.70	6.50	48.50			2404F
Analysis	22.71	5.20	5.50	46.93	10.11	9.55	135T
Serve-Us Dairy Feed No. F with Cod Liver Oil	20.50	4.00	12.50	43.00			2404A6
Analysis ⁵⁴⁴	20.38	3.92	10.71	48.16	9.90	6.93	136T
Sharp Grain Company, La Porte, Texas.							
Sharp's Special Cow Feed	17.00	3.80	14.00	44.00			2294A
Analysis	17.90	4.58	13.53	45.59	11.99	6.41	324M
Sharp's Big 11 Laying Mash	19.00	3.80	6.50	46.00			2294H
Analysis	21.48	4.85	6.28	47.26	11.14	8.99	77M
Shawnee Milling Company, Shawnee, Oklahoma.							
Wheat Gray Shorts and Screenings	16.00	3.50	6.00	55.00			670D
Analysis	18.96	4.79	6.23	54.54	11.14	4.24	166K
Analysis	16.18	3.30	5.13	59.26	11.44	4.69	547M
Climax Egg Mash	19.00	4.00	7.00	51.00			670A1
Analysis	20.45	4.03	6.75	51.75	8.62	8.40	19K
Analysis ⁵⁴⁵	19.10	3.96	6.57	53.14	11.21	6.02	257T
Shawnee Laying Mash	18.00	4.50	8.00	47.00			670B2
Analysis	19.03	4.27	7.15	51.06	9.68	8.81	409H
Analysis	18.66	4.63	7.58	51.23	10.30	7.60	160K
Climax All-Mash Starting and Growing Ration	17.00	4.00	6.00	55.00			670B8
Analysis	17.70	4.17	5.34	54.25	11.33	7.21	538W
Shiner Farmers Co-Op. Gin & Mill Association, Shiner, Texas.							
Prosperity Brand Egg Mash	20.50	3.50	7.40	44.60			856C
Analysis	21.60	5.21	5.48	46.59	10.45	10.67	128H
Prosperity Brand Starting Mash	15.50	3.50	6.00	52.00			856E
Analysis	17.46	4.62	5.54	55.13	11.25	6.00	283H
Shiner Community Laying Mash	19.50	3.70	7.00	48.00			856F
Analysis	20.40	5.12	5.45	50.58	11.33	7.12	61H
Shiner's Best Brand 32% Protein Mash-Maker Concentrate	32.00	4.00	6.00	23.00			856G
Analysis	32.30	6.70	4.32	26.54	8.53	21.61	203H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁵⁴⁴Deficient in ground oyster shell.⁵⁴⁵Deficient in ground limestone and salt.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Shiner Oil Mill & Manufacturing Company, Shiner, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	-----	-----	267F
Analysis	45.77	6.39	7.29	25.24	9.09	6.22	65H
Analysis	44.32	6.23	9.38	24.82	9.10	6.15	282H
Shive Grain Company, Waxahachie, Texas.							
Shive's Best Growing Mash.....	16.00	3.20	6.00	54.00	-----	-----	312H
Analysis	17.00	3.78	5.96	54.83	11.56	6.87	357W
Shreveport Grain & Elevator Company, Shreveport, Louisiana.							
Corn Bran	8.00	5.00	12.00	60.00	-----	-----	1017B
Analysis ^a	13.54	8.27	6.21	60.21	8.72	3.05	11J
Shuler Grain Company, Gonzales, Texas.							
Laying Mash	18.00	3.50	6.50	51.00	-----	-----	1633E
Analysis	18.58	4.28	5.55	53.51	11.35	6.73	411H
All-Mash Chick Starter.....	16.50	4.00	7.50	50.00	-----	-----	1633I
Analysis	18.11	5.04	6.88	50.85	11.33	7.79	410H
Siebel, L. W., Carmine, Texas.							
Siebel's Special Lay Mash.....	20.50	3.50	7.40	44.60	-----	-----	2005F
Analysis	21.71	5.75	5.46	46.42	10.38	10.28	45M
Siebel's Hen Scratch.....	10.20	3.00	3.50	69.00	-----	-----	2005G
Analysis	11.61	2.62	2.72	68.12	13.30	1.63	181M
Simpson Electric Hatchery, Coleman, Texas.							
Paycheck Brand Laying Mash.....	19.00	3.50	7.00	49.00	-----	-----	704A
Analysis	20.35	4.67	7.43	48.96	10.34	8.25	49S
Paycheck Brand Growing Mash.....	17.00	3.50	6.00	47.50	-----	-----	704G
Analysis	18.30	3.98	5.38	55.20	10.39	6.75	413W
Paycheck Brand Laying Mash Pellets	19.00	3.50	7.50	48.00	-----	-----	704H
Analysis	21.29	4.56	7.08	48.83	9.70	8.54	515S
Simpson Feed Mill, Rio Vista, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	-----	-----	423A
Analysis	7.65	3.29	9.22	65.96	12.20	1.68	504W
Simpson's Mill & Feed Store, Clarendon, Texas.							
Whole Barley Chop	11.00	1.50	6.00	65.00	-----	-----	1876I
Analysis ^a	14.25	1.73	5.59	64.76	10.55	3.12	136K
Sinton Feed & Seed Store, Sinton, Texas.							
Chowmix Laying Mash.....	18.00	3.50	8.00	48.00	-----	-----	336C
Analysis	18.80	3.73	4.61	54.90	11.51	6.45	84H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Sisco, E. C., Farmersville, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00			1914A
Analysis	7.98	2.99	11.07	64.76	11.04	2.16	63T
Blue Bonnet Brand 41.12% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00			1914D
Analysis	41.87	7.06	8.87	27.32	7.95	6.93	74T
Blue Bonnet Dairy Ration	15.00	3.00	21.00	44.00			1914G
Analysis ⁶⁴⁶	17.91	3.07	14.81	47.09	10.39	6.73	575T
Our-Own Brand Summer For- mula Egg Mash	18.00	3.50	8.00	49.00			1914M
Analysis	19.98	4.08	8.62	50.61	9.48	7.23	640T
Our-Own Brand Pig Feed	18.50	3.00	7.50	51.00			1914O
Analysis ⁶⁵⁴⁷	17.89	4.19	5.26	57.12	9.92	5.62	641T
Our-Own Brand Horse and Mule Feed	15.60	2.70	15.00	49.00			1914X
Analysis	15.40	3.19	14.50	51.70	9.50	5.71	639T
Slaughter Feed Company, Dallas, Texas.							
Four Seasons Egg Mash	18.50	3.60	7.00	50.00			1482B
Analysis	17.93	4.64	6.05	54.30	10.50	6.58	138T
Analysis	18.50	3.37	5.91	53.83	11.04	7.35	516T
Sleeper, J. L., Waco, Texas.							
Red S All-Mash Starter	17.00	3.00	6.50	48.50			2389Q
Analysis ⁷	16.64	6.61	6.33	51.03	8.96	10.43	438W
Diamond X Egg Mash	18.00	3.50	6.00	49.00			2389V
Analysis	18.60	5.05	5.30	51.84	9.39	9.82	305W
Diamond X Dairy Feed	17.50	3.00	15.00	45.00			2388X
Analysis	17.66	4.57	13.79	47.90	9.32	6.76	3W
Smith, A. T., Corsicana, Texas.							
Two-to-One Fatner	12.80	3.10	4.20	64.00			1359D
Analysis	12.95	2.78	3.29	66.53	11.81	2.64	578W
Smith's Hatchery & Feed Store, El Paso, Texas.							
Red Star Starter Mash	17.50	3.50	6.00	51.00			620C
Analysis	21.55	1.62	4.40	53.01	9.46	6.96	487S
Red Star Growing Mash	18.50	3.60	5.00	49.00			620D
Analysis	18.95	4.28	6.61	53.41	9.38	7.37	488S
Blue Star Egg Mash	20.00	3.80	6.50	46.00			620E
Analysis	22.21	1.70	6.20	49.39	8.73	8.77	558S
Blue Star Growing Mash	17.00	3.50	7.00	51.00			620H
Analysis ⁶⁴⁸	18.57	1.50	5.85	54.85	9.28	6.95	557S
Red Star Egg Mash	18.00	3.50	7.00	47.00			620M
Analysis ⁶	22.43	1.58	5.48	49.47	10.13	7.91	298S
Blue Star Dairy Feed	17.00	3.60	8.50	52.00			620V
Analysis	17.90	3.63	8.27	53.60	8.25	8.35	605S
Red Star Broiler Mash	17.00	3.50	5.00	52.00			620A2
Analysis	20.05	4.69	5.53	54.21	8.78	6.74	19S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁶⁴⁶Linseed meal and peanut hulls claimed, not found. Brewers' dried grains and milo meal found, not claimed. Excess of salt found.⁶⁴⁷Corn chop, corn meal, and soybeans found, not claimed.⁶⁴⁸Deficient in ground limestone. Salt found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Smith's Hatchery & Feed Store, El Paso, Texas—Cont'd.							
V & M Range Feed Pellets.....	16.00	2.50	10.00	50.50	-----	-----	620B8
Analysis ^{549e}	15.98	3.09	7.11	56.65	10.57	6.60	177S
48% Protein Sesame Oil Meal.....	48.00	2.00	11.00	22.00	-----	-----	620B9
Analysis.....	49.29	4.09	5.69	22.76	6.12	12.05	179S
Smith's 4 Star Egg Mash Pellets.....	19.50	3.50	7.00	50.00	-----	-----	620C1
Analysis*.....	20.94	4.00	6.21	52.37	9.73	6.75	417S
36% Protein Mixed Feed.....	36.00	7.00	12.50	27.00	-----	-----	620C3
Analysis.....	37.34	2.47	4.93	35.53	8.76	10.97	178S
Smithville Oil Mill Company, Smithville, Texas.							
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	-----	-----	448F
Analysis.....	39.35	5.90	11.73	28.15	9.13	5.74	294H
Analysis.....	40.85	6.78	10.95	26.97	8.45	6.00	433H
Smyth Grain Company, Ray, Aledo, Texas.							
Ground Whole Oats.....	11.00	4.00	12.00	58.00	-----	-----	1679A
Analysis ⁵⁵⁰	10.59	4.66	15.28	54.72	9.92	4.83	402T
Milo Head Chop.....	8.50	2.50	8.00	65.00	-----	-----	1679D
Analysis ^k	8.85	2.04	6.96	65.26	10.99	5.90	282T
Snelson's Grocery & Market, Ysleta, Texas.							
Snelson's Laying Mash.....	18.50	3.50	6.50	46.00	-----	-----	2528A
Analysis.....	19.90	5.17	6.45	51.45	8.46	8.57	14S
Snelson's Dairy Feed.....	19.00	4.00	11.00	45.00	-----	-----	2528C
Analysis.....	20.43	4.64	7.17	51.08	9.15	7.53	483S
Southern Cotton Oil Company, The, Eunice, Louisiana.							
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	-----	-----	2420F
Analysis.....	40.55	5.19	10.38	27.40	8.94	6.54	489H
Southern Flour & Feed Company, Needville, Texas.							
Supreme Brand Laying Mash.....	20.00	3.60	6.00	46.50	-----	-----	2657F
Analysis ⁵⁵¹	22.43	4.63	5.69	47.00	10.68	9.57	122M
Southern Pecan Shelling Company, San Antonio, Texas.							
Ground Pecan Meat Screenings.....	10.50	53.50	6.00	23.00	-----	-----	826A
Analysis.....	10.94	53.92	5.46	23.22	4.54	11.92	826A
Southland Cotton Oil Company Corsicana, Texas.							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	-----	-----	548H
Analysis.....	43.50	5.62	10.31	27.62	6.77	6.18	46P
Analysis ^e	42.27	6.21	9.97	28.03	7.44	6.08	22W
Analysis ^o	41.84	6.27	9.67	28.10	7.94	6.18	24W
Analysis.....	42.65	5.82	9.60	26.91	8.64	6.38	110W
Analysis.....	43.31	5.55	10.84	27.77	6.44	6.09	117W
Analysis ^o	42.24	5.71	11.31	26.75	7.69	6.30	215W
Analysis ^o	42.38	5.82	11.20	26.89	7.58	6.13	229W
Analysis.....	43.51	6.19	9.17	26.71	8.20	6.22	241W
Analysis.....	42.80	5.25	10.89	26.64	8.18	6.24	368W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁵⁴⁹In cube form.⁵⁵⁰Excess oat hulls present.⁵⁵¹Deficient in ground oyster shell.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Southland Cotton Oil Company, Corsicana, Texas—Cont'd.							
43% Protein Screened Cracked Cottonseed Cake	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>			548I
Analysis	43.31	5.53	9.70	26.16	8.76	6.54	59P
Analysis	43.67	5.37	10.96	26.11	7.83	6.06	129T
Analysis ^a	<i>42.05</i>	<i>5.20</i>	<i>10.73</i>	<i>27.36</i>	<i>8.63</i>	<i>6.03</i>	<i>176W</i>
Analysis	43.80	5.52	9.84	26.51	7.84	6.49	349W
Southland Cotton Oil Company, Paris, Texas.							
Southland's 43% Protein Cottonseed Meal	<i>43.00</i>	<i>5.00</i>	<i>12.00</i>	<i>23.00</i>			290H
Analysis	43.50	5.83	10.31	25.57	8.27	6.52	31J
Analysis ^a	<i>41.42</i>	<i>5.94</i>	<i>11.70</i>	<i>27.46</i>	<i>7.37</i>	<i>6.11</i>	<i>132P</i>
Analysis ^c	<i>41.77</i>	<i>5.48</i>	<i>11.00</i>	<i>27.53</i>	<i>7.60</i>	<i>6.62</i>	<i>191P</i>
Analysis	<i>42.90</i>	<i>5.85</i>	<i>9.94</i>	<i>26.88</i>	<i>7.99</i>	<i>6.44</i>	<i>568T</i>
Southland Cotton Oil Company, Shreveport, Louisiana.							
43% Protein Cottonseed Meal	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			421B
Analysis ^a	<i>40.61</i>	<i>6.01</i>	<i>10.34</i>	<i>27.89</i>	<i>8.64</i>	<i>6.51</i>	<i>153P</i>
Analysis	<i>42.85</i>	<i>5.81</i>	<i>8.97</i>	<i>26.63</i>	<i>9.20</i>	<i>6.54</i>	<i>553W</i>
41.12% Protein Ground Cottonseed Feed	<i>41.12</i>	<i>5.00</i>	<i>14.00</i>	<i>26.00</i>			421C
Analysis	41.70	6.37	9.28	27.28	8.76	6.61	49J
Analysis	<i>40.90</i>	<i>6.20</i>	<i>10.63</i>	<i>27.18</i>	<i>8.59</i>	<i>6.50</i>	<i>152P</i>
Southland Cotton Oil Company, Temple, Texas.							
Southland's Circle-S Sweet Feed	<i>9.00</i>	<i>1.20</i>	<i>30.00</i>	<i>43.00</i>			679B
Analysis	11.56	1.45	28.45	<i>41.86</i>	11.03	5.65	319W
43% Protein Cottonseed Meal	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>23.00</i>			679C
Analysis ^a	<i>41.94</i>	<i>5.53</i>	<i>11.24</i>	<i>28.20</i>	<i>7.17</i>	<i>5.92</i>	<i>225H</i>
Analysis	<i>42.81</i>	<i>5.43</i>	<i>10.51</i>	<i>27.43</i>	<i>7.20</i>	<i>6.62</i>	<i>325H</i>
Analysis	<i>42.50</i>	<i>6.07</i>	<i>9.67</i>	<i>27.24</i>	<i>8.17</i>	<i>6.35</i>	<i>53S</i>
Analysis ⁵⁵²	43.05	6.48	9.07	27.36	6.57	7.47	346T
Analysis ^c	<i>41.59</i>	<i>6.09</i>	<i>9.40</i>	<i>27.47</i>	<i>8.99</i>	<i>6.46</i>	<i>65W</i>
Analysis	44.06	5.55	9.83	26.81	7.68	6.07	76W
Analysis ^c	<i>42.45</i>	<i>5.86</i>	<i>9.92</i>	<i>26.64</i>	<i>8.92</i>	<i>6.21</i>	<i>79W</i>
Analysis	43.09	5.65	10.25	27.00	7.95	6.06	154W
Analysis ^b	<i>41.22</i>	<i>6.26</i>	<i>10.01</i>	<i>28.24</i>	<i>8.10</i>	<i>6.17</i>	<i>185W</i>
Analysis ^{552a}	<i>41.10</i>	<i>6.39</i>	<i>9.53</i>	<i>29.35</i>	<i>7.25</i>	<i>6.38</i>	<i>289W</i>
Analysis	<i>42.75</i>	<i>6.04</i>	<i>10.75</i>	<i>28.17</i>	<i>6.14</i>	<i>6.15</i>	<i>299W</i>
Analysis	44.07	5.37	9.87	27.22	7.43	6.04	321W
Analysis ^c	<i>41.36</i>	<i>6.18</i>	<i>10.97</i>	<i>27.35</i>	<i>7.77</i>	<i>6.37</i>	<i>457W</i>
43% Protein Cottonseed Cake	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>23.00</i>			679D
Analysis	<i>42.94</i>	<i>5.39</i>	<i>10.15</i>	<i>28.22</i>	<i>6.97</i>	<i>6.33</i>	<i>163W</i>
Analysis ^c	<i>42.15</i>	<i>5.56</i>	<i>10.80</i>	<i>28.29</i>	<i>7.26</i>	<i>5.94</i>	<i>278W</i>
Analysis	44.16	5.65	10.42	28.97	4.58	6.22	293W
Southland's Mixed Feed	<i>11.80</i>	<i>1.70</i>	<i>38.00</i>	<i>36.00</i>			679F
Analysis	<i>11.18</i>	<i>2.15</i>	<i>33.36</i>	<i>40.02</i>	<i>9.89</i>	<i>3.40</i>	<i>50P</i>
Southland Cotton Oil Company, Waxahachie, Texas.							
Southland's Readimix Brand Mixed Feed	<i>11.80</i>	<i>1.70</i>	<i>38.00</i>	<i>36.00</i>			536B
Analysis	<i>9.43</i>	<i>1.37</i>	<i>37.02</i>	<i>40.85</i>	8.29	3.04	207W
Analysis	<i>11.62</i>	<i>1.60</i>	<i>33.60</i>	<i>42.53</i>	7.00	3.65	487W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.
⁵⁵²Off quality.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Southland Cotton Oil Company, Waxahachie, Texas—Cont'd.							
43% Protein Cottonseed Pellets	43.00	5.20	12.00	25.00	-----	-----	536E
Analysis ^a	41.71	5.78	8.37	28.87	8.50	6.77	36K
Analysis ^b	41.66	7.94	11.01	24.76	8.58	6.05	113K
43% Protein Cottonseed Cake	43.00	5.20	12.00	25.00	-----	-----	536G
Analysis ^a	41.48	5.41	10.12	29.25	6.96	6.78	249S
43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00	-----	-----	536H
Analysis ^a	41.63	5.71	8.67	28.71	8.51	6.77	55S
Analysis ^b	40.53	5.98	8.96	30.09	7.08	7.36	25T
Analysis ^c	40.43	5.88	9.49	28.55	8.83	6.82	47T
Analysis ^d	42.43	6.09	11.04	26.92	7.18	6.34	146T
Analysis ^e	43.74	6.38	9.01	27.12	7.26	6.49	179T
Analysis ^f	41.85	5.30	9.87	28.39	8.01	6.58	510T
Analysis ^g	41.44	6.03	10.99	27.38	8.19	5.97	28W
Analysis ^h	41.92	5.93	10.12	28.31	7.08	6.64	29W
Analysis ⁱ	41.78	5.54	11.29	27.36	8.28	5.75	33W
Analysis ^j	41.79	5.89	10.57	28.26	7.30	6.19	34W
Analysis ^k	41.74	5.81	11.35	28.62	6.26	6.22	122W
Analysis ^l	41.71	6.37	10.81	27.20	7.48	6.43	128W
Analysis ^m	41.96	6.19	11.89	26.83	6.87	6.26	129W
Analysis ⁿ	42.42	6.28	10.41	28.27	7.58	5.04	217W
Analysis ^o	41.97	6.09	10.73	27.15	7.61	6.45	223W
Analysis ^p	42.15	5.77	10.23	27.08	8.25	6.52	377W
Analysis ^q	43.33	5.43	8.54	28.60	7.21	6.89	483W
41% Protein Cottonseed Cake	41.00	5.00	12.00	25.00	-----	-----	536N
Analysis	41.90	6.27	10.49	28.26	6.80	6.28	145W
South Texas Cotton Oil Com- pany, Austin, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	-----	-----	1049F
Analysis ^a	42.11	5.38	11.97	26.59	8.09	5.86	142H
Analysis ^b	42.27	6.27	10.77	26.46	8.24	5.99	337H
Analysis ^c	42.62	8.16	8.44	27.73	6.87	6.18	343H
Analysis ^d	43.72	5.38	10.54	28.23	5.66	6.47	459H
Analysis ^e	41.73	6.36	9.53	27.13	9.06	6.19	68W
Analysis ^f	40.96	5.62	11.80	27.39	8.50	5.73	175W
43% Protein Cracked Cotton- seed Cake	43.00	6.00	12.00	23.00	-----	-----	1049G
Analysis ^a	42.37	5.58	10.76	28.88	6.40	6.01	4H
Analysis ^b	42.61	5.55	11.61	26.40	8.01	5.82	48H
Analysis ^c	44.29	6.64	9.88	24.99	7.81	6.39	338H
South Texas Cotton Oil Company. Brownsville, Texas.							
28% Protein Whole-Pressed Cottonseed	28.00	5.00	23.00	29.00	-----	-----	1565B
Analysis	28.00	4.73	23.18	31.00	8.08	5.01	618W
28% Protein Ground Whole- Pressed Cottonseed	28.00	5.00	23.00	29.00	-----	-----	1565D
Analysis ^a	27.41	4.49	23.28	32.99	6.95	4.88	19H
Analysis ^b	28.80	4.46	22.39	31.83	7.72	4.80	95H
Analysis ^c	29.27	4.99	22.31	31.85	6.93	4.65	166H
Analysis ^d	28.00	4.74	24.17	30.71	7.60	4.78	312H
Analysis ^e	28.90	4.61	22.74	30.64	7.97	5.14	456H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
South Texas Cotton Oil Company, Corpus Christi, Texas.							
43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00	-----	-----	319A
Analysis	43.20	5.65	10.53	26.16	8.78	5.68	29H
Analysis	42.90	5.63	11.03	26.11	8.65	5.68	54H
Analysis	44.23	5.90	10.79	24.90	8.25	5.93	268H
Analysis	43.23	5.46	11.83	26.28	7.15	6.05	345H
Analysis ^{bo}	41.88	5.39	11.15	27.74	8.20	5.64	404H
43% Protein Cottonseed Cake	43.00	5.20	12.00	25.00	-----	-----	319B
Analysis	42.66	5.42	10.93	26.89	8.31	5.79	55H
Analysis	44.43	5.65	10.14	25.70	8.23	5.85	269H
43% Protein Cottonseed Pellets	43.00	5.20	12.00	25.00	-----	-----	319C
Analysis	43.67	5.55	10.52	24.77	9.48	6.01	156H
Analysis	44.52	5.58	10.94	25.11	8.05	5.80	271H
41% Protein Cottonseed Cake	41.00	5.00	12.00	25.00	-----	-----	319D
Analysis	42.01	5.48	10.96	27.44	8.35	5.76	319D
41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00	-----	-----	319E
Analysis	42.79	5.88	10.87	26.34	8.31	5.81	319E
41% Protein Cottonseed Pellets	41.00	5.00	12.00	25.00	-----	-----	319F
Analysis	42.07	5.43	11.29	26.72	8.88	5.61	319F
South Texas Cotton Oil Company, Harlingen, Texas.							
43% Protein Cottonseed Cake	43.00	5.00	12.00	23.00	-----	-----	1129A
Analysis	42.80	4.96	11.11	27.91	7.01	6.21	467H
43% Protein Cottonseed Meal	43.00	5.00	12.00	23.00	-----	-----	1129B
Analysis	43.09	5.19	9.60	27.16	8.50	6.46	23H
Analysis	42.74	5.04	10.72	26.90	8.37	6.23	315H
Analysis	42.74	5.55	10.83	25.37	9.14	6.37	389H
Analysis	42.85	5.93	10.26	27.70	6.93	6.33	468H
28% Protein Ground Whole-Pressed Cottonseed	28.00	5.00	23.00	29.00	-----	-----	1129C
Analysis	29.91	4.99	21.36	31.06	7.45	5.23	94H
South Texas Cotton Oil Company, Hearne, Texas.							
41.12% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00	-----	-----	220D
Analysis	40.77	6.39	9.41	29.35	7.63	6.45	17W
43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00	-----	-----	220F
Analysis	43.82	6.15	8.36	27.25	7.69	6.73	175H
Analysis ^{bo}	41.89	6.03	9.89	27.85	8.03	6.31	74M
Analysis	42.99	6.35	8.67	27.28	8.09	6.62	107W
Analysis	42.93	6.04	8.30	28.49	7.74	6.50	203W
Analysis	44.71	5.58	8.23	27.09	7.75	6.64	327W
Analysis	43.61	5.96	8.00	27.88	8.01	6.54	339W
Analysis	43.39	5.95	8.80	27.41	7.79	6.66	460W
43% Protein Cracked Cottonseed Cake	43.00	5.20	12.00	25.00	-----	-----	220G
Analysis ^o	40.97	6.16	10.20	28.66	7.43	6.58	174H
South Texas Cotton Oil Company, Houston, Texas.							
37% Protein Linseed Meal	37.00	6.00	9.00	35.00	-----	-----	1218D
Analysis ^o	34.90	8.78	8.65	33.18	8.04	6.45	346M
Analysis ^{bo}	34.66	9.28	7.70	33.30	8.42	6.64	400M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
South Texas Oil Company, Houston, Texas—Cont'd.							
34% Protein Linseed Meal	34.00	6.00	9.00	35.00			1218O
Analysis	35.37	6.79	8.60	36.17	8.02	5.05	549W
36% Protein Linseed Meal	36.00	6.00	9.00	33.00			1218P
Analysis	37.10	5.85	8.12	36.04	7.81	5.08	1218P
39% Protein Linseed Meal	39.00	6.00	9.00	32.00			1218Q
Analysis	38.56	5.63	8.07	36.01	6.72	5.01	1218Q
South Texas Cotton Oil Company, Robstown, Texas.							
43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00			727B
Analysis ^{553b}	40.41	5.58	13.03	26.68	8.69	5.61	28H
Analysis	43.64	5.46	12.03	24.61	8.53	5.73	50H
Analysis	42.63	5.16	11.95	25.98	8.64	5.64	116H
Analysis ^{553c}	42.15	4.99	13.19	26.45	7.53	5.69	240H
43% Protein Pea-Size Cottonseed Cake	43.00	5.20	12.00	25.00			727C
Analysis	44.34	4.85	10.85	25.41	8.84	5.71	123H
South Texas Cotton Oil Company, Taylor, Texas.							
43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00			1883C
Analysis	43.20	6.25	9.64	25.78	8.94	6.19	67W
Analysis	43.55	5.15	10.11	27.06	7.88	6.25	81W
Analysis ^c	41.60	7.94	11.40	27.06	6.02	5.98	161W
Analysis ^e	42.28	5.70	10.70	27.67	7.60	6.05	428W
Analysis ^e	42.47	5.83	9.35	28.36	7.05	6.94	536W
43% Protein Nut-Size Cottonseed Cake	43.00	5.20	12.00	25.00			1883E
Analysis	43.66	5.27	10.23	26.37	8.33	6.14	160W
43% Protein Pea-Size Cottonseed Cake	43.00	5.20	12.00	25.00			1883F
Analysis	44.27	4.92	10.90	26.33	7.27	6.31	285W
43% Protein Sheep-Size Cottonseed Cake	43.00	5.20	12.00	25.00			1883G
Analysis	43.07	5.16	10.45	26.80	8.41	6.11	72W
Analysis	44.12	4.82	10.26	27.96	6.70	6.14	292W
South Texas Cotton Oil Company, Victoria, Texas.							
Yello Brand 43% Protein Cottonseed Pellets	43.00	5.20	12.00	25.00			309H
Analysis ^c	42.16	5.99	10.04	26.80	8.99	6.02	134H
Yello Brand 43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00			309L
Analysis	42.95	6.74	10.15	25.22	8.81	6.13	67H
Analysis ^j	43.25	5.64	11.00	26.10	8.53	5.48	287H
Analysis ^c	41.90	5.98	10.08	26.83	9.00	6.21	310M
South Texas Feed Company, Houston, Texas.							
Hominy Feed	10.00	6.00	7.00	60.00			214B
Analysis	11.00	6.64	3.23	65.68	11.42	2.03	246M
Uncle Johnny's Egaday Brand Starter Mash	19.00	3.50	5.60	47.00			214K
Analysis	20.60	4.02	4.58	51.13	11.82	7.85	313M
Analysis ^c	21.04	4.22	5.17	50.80	11.60	7.17	353W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.
⁵⁵³Excess cottonseed hulls present.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
South Texas Feed Company, Houston, Texas—Cont'd.							
Uncle Johnny's Egaday Brand Starter Mash	19.00	3.60	6.00	49.00			214K
Analysis ¹	19.70	3.65	4.46	53.71	11.05	7.43	423H
Uncle Johnny's Egaday Brand Laying Mash	19.00	3.80	6.50	48.00			214L
Analysis	21.20	4.08	5.06	50.88	10.85	7.93	248M
Analysis	21.48	4.58	5.58	49.50	10.64	8.22	560T
Uncle Johnny's Egadaay Brand Growing Mash	18.00	3.50	6.50	49.00			214M
Analysis	19.96	3.90	5.29	51.35	11.10	8.40	447M
Analysis	19.90	3.80	5.21	52.24	10.26	8.59	559T
Analysis	20.14	3.90	5.55	50.96	10.30	9.15	451W
Milo Chop	10.00	2.50	3.00	10.00			214T
Analysis ⁵⁵⁴	9.88	2.54	2.17	70.88	13.14	1.39	259M
Circle Four Stock Feed	9.00	1.50	11.00	37.00			214W
Analysis ⁵⁵⁵	9.91	1.95	29.43	36.27	13.06	9.38	256M
Uncle Johnny's Milkaday Dry Dairy Feed	18.00	4.00	14.00	43.00			214B3
Analysis ⁵⁵⁵	18.42	5.04	12.87	13.76	10.55	9.36	512M
Rice Hulls, Molasses, Peanut Hulls, Corn Chop, and Alfalfa Stem Meal	4.50	0.70	31.50	43.00			214B6
Analysis ⁵	4.80	1.09	32.78	35.52	11.81	14.00	331M
Rice Hulls, Peanut Hulls, Molasses, Corn Chop, and Alfalfa Stem Meal	4.50	0.70	34.00	40.00			214B6
Analysis	6.40	1.29	32.58	34.36	12.02	13.35	312M
Uncle Johnny's Porkaday 32% Protein Supplement for Pigs and Hogs	32.00	5.00	9.00	52.00			214C6
Analysis	32.50	4.27	7.76	34.74	10.09	10.64	477W
Uncle Johnny's 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00			214D4
Analysis ⁵	51.27	7.36	2.19	.00	4.91	34.27	111M
Analysis	49.60	11.90	1.57	1.86	5.35	29.72	479M
Analysis	51.28	10.72	1.70	.53	6.58	29.19	541M
Master-Mix Brand Laying Mash	19.00	3.80	8.00	15.00			214E4
Analysis	20.10	4.01	6.70	17.48	13.37	8.34	203M
Uncle Johnny's Porkaday 40% Protein Concentrate for Pigs and Hogs	40.00	4.50	8.50	24.00			214G6
Analysis	41.51	2.82	8.21	28.05	8.94	10.47	566W
Master-Mix Brand Laying Mash Pellets	19.00	3.80	8.00	15.00			214G9
Analysis	21.45	4.10	7.02	19.72	9.65	8.06	397M
Uncle Johnny's Cottonseed Hulls and Cottonseed Meal	11.80	1.70	38.00	36.00			214H5
Analysis ⁵	10.66	1.49	36.53	39.32	8.60	3.40	480W
Master-Mix Brand 16% Protein Dairy Ration	16.00	3.60	22.00	37.00			214J2
Analysis	14.79	4.22	22.82	41.76	8.28	8.13	202M
Satisfaction Brand 36% Protein Concentrate for Poultry	36.00	4.50	6.50	22.00			214L1
Analysis	39.25	3.07	5.72	25.84	8.24	17.88	574W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁵⁵⁴ Milo meal with some ground whole oats present.⁵⁵⁵ Deficient in ground oyster shell.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued(The guaranties are printed in *italics* following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spec-tion No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Southwestern Rice Mill, Inc., Galveston, Texas.							
Rice Polishings containing Limestone	11.00	6.00	4.00	55.00			603A
Analysis ^f	10.95	9.53	1.32	56.04	9.91	12.25	443M
Rice Bran containing Precipi- tated Carbonate of Lime	13.50	13.50	12.00	42.00			603B
Analysis	13.43	12.50	3.98	39.48	12.13	13.48	236M
Analysis ^g	13.70	13.75	9.99	40.48	9.92	12.16	B
Rice Bran containing Lime- stone	13.50	13.50	12.00	42.00			603B
Analysis	13.44	11.82	10.88	44.23	6.52	13.11	375H
Analysis ^h	13.70	12.35	10.55	40.21	10.36	12.83	325T
Southwestern Sugar & Molasses Company, El Paso, Texas.							
Bobby Special 36% Protein							
Sweet Feed	36.00	3.00	6.00	28.00			1634A
Analysis ^{da556}	37.56	5.00	5.99	33.18	7.71	10.56	466S
Analysis	36.27	5.38	5.35	33.65	8.03	11.32	599T
Square Deal Produce Company, McGregor, Texas.							
Square Deal Brand Laying Mash	19.00	3.60	7.00	46.50			198B
Analysis	20.28	4.54	6.83	48.28	9.43	10.64	449W
Staffel Company, Ferd, San Antonio, Texas.							
Omala Mixed Feed	9.00	2.80	9.00	55.00			2232A
Analysis ⁵⁵⁷	11.21	3.95	5.73	59.00	13.61	6.50	133H
Analysis ⁵⁵⁸	9.41	4.27	6.69	59.72	11.89	8.02	328H
Staffel's Turkey Starter	23.50	4.30	5.50	41.00			2232C
Analysis	26.11	4.70	5.34	47.36	9.66	6.83	366H
Staffel's Starter with Butter- milk	17.00	3.90	5.50	54.00			2232M
Analysis ^k	17.95	4.55	3.83	55.92	10.93	6.82	298H
Analysis	17.71	5.03	4.40	54.70	11.39	6.77	392H
Maltine Cow Feed	22.00	4.00	13.00	42.00			2232Q
Analysis	26.36	4.43	11.60	41.26	9.08	7.27	329H
Fairland's Dairy Feed	19.50	3.00	9.00	45.00			2232R
Analysis	21.03	4.08	8.55	47.91	10.92	7.51	224H
Analysis ⁵⁵⁹	20.20	3.74	7.84	50.50	10.99	6.73	368H
Staffel's Growing Mash	16.00	3.40	6.70	50.00			2232S
Analysis	19.48	4.16	5.93	51.93	9.98	8.52	106H
Analysis	19.14	4.19	6.38	51.49	10.06	8.74	299H
Staffel's Longhorn Mixed Feed	13.00	2.00	17.50	45.00			2232X
Analysis	16.60	2.10	12.47	47.65	13.32	7.86	182H
Analysis	13.40	1.71	15.05	50.26	10.97	8.61	466H
Analysis ⁵⁶⁰	13.50	1.68	14.68	47.39	12.55	10.20	5J
Staffel's Sweet Sixteen Dairy Feed	16.00	3.50	10.00	53.00			2232A3
Analysis	16.50	3.20	9.27	52.04	12.90	6.09	37H
Analysis	17.29	4.16	9.80	50.99	11.34	6.42	223H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁵⁵⁶Ground whole barley found, not claimed.⁵⁵⁷Deficient in ground limestone and excess of salt found.⁵⁵⁸Brewers' dried grains and ground whole oats found, not claimed.⁵⁵⁹Excess of salt found.⁵⁶⁰Excess of ground limestone and salt found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Staffel Company, Ferd, San Antonio, Texas—Cont'd.							
Staffel's Pig Feed	21.00	3.70	5.00	46.00	—	—	2232A4
Analysis ^{501k}	19.33	3.74	5.64	51.32	10.73	9.24	252H
Staffel's Pig Feed	18.00	3.00	6.30	50.00	—	—	2232A4
Analysis	19.86	3.83	5.79	52.42	9.31	8.79	511H
Staffel's 24% Protein Dairy Feed	24.00	5.00	11.50	43.00	—	—	2232A8
Analysis	23.79	3.87	8.22	46.45	9.30	8.37	465H
Staffel's Start-to-Finish Broiler Mash	16.50	3.40	5.50	54.00	—	—	2232B5
Analysis ^l	18.35	4.47	4.31	55.29	10.95	6.63	367H
Staffel's 36% Protein Concentrate for Poultry	36.00	4.80	6.00	26.00	—	—	2232C2
Analysis ⁵⁰²	36.75	5.87	6.00	27.43	8.67	15.28	147H
Analysis	36.89	5.84	6.07	27.77	8.22	15.21	440H
Staffel's Star Brand Laying Mash	20.50	3.50	7.40	44.60	—	—	2232C7
Analysis	21.14	5.37	6.04	45.00	10.99	11.46	181H
Analysis ⁵⁰³	22.12	5.52	5.70	45.84	8.90	11.92	327H
Staffel's 36% Protein Supplement for Pigs and Hogs	36.00	4.00	4.00	24.00	—	—	2232D2
Analysis	38.30	4.30	3.75	29.41	9.93	14.31	148H
Analysis	38.42	4.50	4.10	27.83	9.18	15.97	512H
Pendleton Laying Mash	18.00	3.50	6.20	47.50	—	—	2232E7
Analysis	18.90	4.53	6.78	48.68	10.78	10.33	253H
Analysis	18.20	4.95	5.60	49.61	11.54	10.10	393H
Staffel's Turkey Growing Mash	20.00	3.60	7.00	45.50	—	—	2232E8
Analysis	22.19	4.08	6.58	47.78	9.69	9.68	441H
Staley Manufacturing Company, A. E., Decatur, Illinois.							
Staley's Corn Gluten Feed	25.00	1.50	8.00	37.00	—	—	295A
Analysis ^a	26.26	3.44	6.13	46.74	9.87	7.56	16M
Analysis ^a	28.28	3.13	5.80	43.96	10.43	8.40	177M
Staley's Corn Gluten Feed	23.00	1.50	8.00	42.00	—	—	295A
Analysis	23.00	2.85	6.30	51.11	9.55	7.19	34J
Analysis ^{504h}	25.58	3.07	6.18	49.98	7.46	7.73	188K
Staley's 41% Protein Soybean Oil Meal	41.00	3.50	7.00	29.00	—	—	295B
Analysis	43.23	3.84	5.78	29.66	11.84	5.65	113M
Staley's Corn Oil Meal	18.00	4.00	11.00	45.00	—	—	295C
Analysis ^a	24.76	6.05	10.40	46.06	7.77	4.96	238K
Stamford Cotton Oil Mill, Stamford, Texas.							
Chuck Wagon Brand 43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	—	—	439H
Analysis ⁵⁰⁵	41.13	5.72	13.47	25.70	8.50	5.48	63S
Analysis	44.61	6.23	9.67	26.60	6.68	6.21	140S
Analysis	42.86	6.41	11.82	26.22	6.71	5.98	155S
Analysis	43.34	6.08	11.15	26.23	7.17	6.03	249T
Analysis	43.37	7.01	10.78	26.53	5.93	6.38	263T
Analysis ^o	41.06	6.50	12.58	26.31	7.65	5.90	334T
Analysis	43.10	6.97	11.80	24.22	8.45	5.46	492T
Analysis	46.19	7.40	10.33	23.43	6.71	5.94	271W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁵⁰¹Ground limestone found, not claimed.⁵⁰²Excess of ground oyster shell found.⁵⁰³Excess of ground oyster shell found.⁵⁰⁴Short in weight. Each sack even-weighted to 100 lbs. net and sale resumed.⁵⁰⁵Excess of cottonseed hulls found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regi- stration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Stamford Cotton Oil Mill, Stamford, Texas—Cont'd.							
Chuck Wagon Brand 43% Pro- tein Cottonseed Pellets	43.00	6.00	12.00	23.00			439J
Analysis ^c	42.18	5.65	9.98	26.79	9.48	5.92	133S
Analysis ⁵⁶⁶	43.39	6.29	10.20	27.13	6.62	6.37	426W
Stamford Mill & Elevator Com- pany, Stamford, Texas.							
Our Best Brand Starter Mash	18.50	3.80	6.00	50.00			66K
Analysis ⁵⁶⁷	17.24	3.98	5.82	56.07	10.10	6.79	535S
Our Best Brand Laying Mash	19.50	3.70	6.00	47.00			66L
Analysis ⁵⁶⁸	18.97	4.58	5.84	50.54	10.13	9.94	142S
Our Best Brand Growing Mash	17.00	3.60	6.00	52.00			66M
Analysis	17.00	4.33	5.28	55.38	10.85	7.16	630S
Miti-Good Brand Laying Mash	19.00	3.50	7.50	46.00			66S
Analysis ⁵⁶⁹	19.90	3.90	7.32	47.07	10.65	11.16	65S
Monarch Milk-Maker	17.50	4.00	9.00	50.00			66B5
Analysis	18.73	4.40	8.17	50.72	10.75	7.23	631S
Standard-Tilton Division, Russell-Miller Milling Com- pany, Dallas, Texas.							
Wheat Gray Shorts and Screen- ings	16.00	3.50	6.00	55.00			51B
Analysis ^k	18.04	4.14	5.95	55.90	11.17	4.80	554M
Analysis ⁵⁷⁰	17.87	3.95	4.63	57.52	12.13	3.90	536S
Standard-Tilton Milling Company, Dallas, Texas.							
Wheat Gray Shorts and Screen- ings	16.00	3.50	6.00	55.00			51B
Analysis ^k	17.20	3.71	5.75	57.25	11.84	4.25	446T
Analysis ^{570e}	18.36	4.16	5.44	56.15	12.04	3.85	473W
Wheat Gray Shorts	16.00	3.50	6.00	55.00			51C
Analysis	17.33	4.40	4.36	58.42	12.07	3.42	251M
Analysis	18.27	4.43	4.58	56.49	12.42	3.81	47P
Analysis ^{570e}	17.64	4.25	6.70	54.51	12.23	4.67	8T
Wheat Bran and Screenings	14.50	3.50	10.00	50.00			51K
Analysis ^e	17.75	4.33	10.32	51.92	9.10	6.58	60K
Hominy Feed	10.00	6.00	7.00	60.00			51L
Analysis ^e	10.44	6.49	5.45	65.11	10.40	2.11	82T
Standard Milling Company, The, Lubbock, Texas.							
Stanton's Big S Egg Mash	18.00	3.50	7.00	50.00			1430B
Analysis	21.65	4.13	5.89	48.72	10.38	9.23	48K
Ground Milo Heads	8.50	2.50	8.00	65.00			1430F
Analysis	10.16	2.64	7.47	67.97	7.96	3.80	411T
Stanton's Milk Producer	18.00	3.00	12.00	48.00			1430I
Analysis	16.62	2.65	9.04	51.69	12.16	7.84	46K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁵⁶⁶Off quality.⁵⁶⁷Deficient in ground oyster shell.⁵⁶⁸Calcium carbonate found, not claimed. Excess of salt found.⁵⁶⁹Deficient in salt.⁵⁷⁰Wheat brown shorts.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Standard Milling Company, The Lubbock, Texas—Cont'd.							
Stanton's Laying Mash	19.00	3.50	5.50	47.00	—	—	1430M
Analysis	20.63	3.98	6.25	50.67	9.54	8.88	140K
Stanton's Growing Mash	17.50	3.50	7.00	51.00	—	—	1430P
Analysis ⁵⁷¹	19.55	3.71	6.31	53.12	9.71	7.60	207K
Analysis	19.90	3.83	6.51	52.26	9.94	7.56	465S
Stanton's Chick Starter	18.00	3.50	6.00	51.00	—	—	1430Q
Analysis ⁵⁷²	19.93	4.23	5.08	54.61	9.64	6.51	191K
Analysis	20.73	3.32	5.31	51.05	10.05	9.54	338S
Stanton's 33% Protein Supplement for Hogs	33.00	4.40	10.00	30.00	—	—	1430U
Analysis ⁵⁷³	30.60	5.15	8.80	33.92	8.98	12.55	388S
Stanton's Red Star Sweet Feed	9.00	1.40	19.00	49.50	—	—	1430B2
Analysis ⁵⁷⁴	7.71	.94	12.58	56.32	10.49	11.96	254T
Stanton's Egg-Getter Egg Mash	18.00	3.50	7.80	50.40	—	—	1430B4
Analysis	19.55	3.73	6.99	52.37	9.83	7.53	211K
Stanton's Capitol Cubes	14.00	2.20	9.00	54.00	—	—	1430C4
Analysis	13.43	2.62	5.76	62.06	9.51	6.62	67K
Stanton's Capitol Feed	14.00	2.20	9.00	54.00	—	—	1430C6
Analysis ⁵⁷¹	12.95	2.04	6.66	57.83	13.13	7.39	105S
Stanton's Laying Mash Pellets	19.00	3.50	5.50	47.00	—	—	1430D6
Analysis	20.04	4.14	5.85	50.77	9.99	9.21	404S
Stanton's Pullet Builder	15.00	3.50	8.00	53.00	—	—	1430D9
Analysis	17.10	3.63	7.35	55.10	9.93	6.89	59K
Stanton's Panhandle 20% Protein Ranch Feed	20.00	3.60	10.00	44.50	—	—	1430J8
Analysis ^k	19.35	3.47	6.87	53.01	11.40	5.90	306S
Stanton's Panhandle 20% Protein Ranch Cubes	20.00	3.60	10.00	44.50	—	—	1430J9
Analysis ⁵⁷⁴	19.94	3.68	7.25	52.76	10.41	5.96	192S
Standard Rice Company, Inc., Houston, Texas.							
Rice Polishings containing Limestone	11.00	6.00	4.00	55.00	—	—	247D
Analysis ⁵⁷⁵	10.85	7.68	2.05	57.97	11.36	10.09	303M
Rice Bran containing Carbonate of Lime	11.00	10.00	15.00	35.00	—	—	247G
Analysis ⁵⁷⁶	12.85	12.24	11.53	36.89	8.82	17.67	I
Stanton & Son, E. J., Alvin, Texas.							
Chowmix 16% Protein Dairy Feed B	16.00	3.50	14.00	42.00	—	—	54A
Analysis	17.10	5.35	12.63	45.42	12.10	7.40	81M
Analysis ⁵⁷⁵	18.15	5.09	10.46	46.52	11.37	8.41	187M
Chowmix Laying Mash D	18.00	3.50	8.00	45.00	—	—	54C
Analysis	19.10	5.99	6.87	49.16	11.37	7.51	80M
Chowmix Scratch Feed C	9.00	2.50	4.00	65.00	—	—	54E
Analysis	10.45	3.16	2.67	69.91	12.23	1.58	190M
Star Feed Company, Fort Worth, Texas.							
Starko Egg Mash	18.00	3.70	6.00	51.00	—	—	2375A
Analysis	19.05	4.73	6.49	51.63	10.41	7.69	227T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁵⁷¹Deficient in ground oyster shell.⁵⁷²Ground dried kelp claimed, not found. Linseed meal found, not claimed.⁵⁷³Corn meal and hegari meal found, not claimed.⁵⁷⁴Deficient in ground limestone.⁵⁷⁵Excess of ground limestone.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Star Mill & Elevator Company, Hennessey, Oklahoma.							
Liberty Growing Mash	20.60	3.90	9.30	42.40			88K
Analysis ^{k576}	19.48	4.42	5.61	52.36	9.58	8.55	601T
Wheat Gray Shorts and Screenings	16.00	4.00	6.00	55.00			88S
Analysis ^{7b}	15.85	3.44	5.85	59.87	11.10	3.89	315T
Analysis	14.24	2.17	3.78	65.03	11.45	3.33	602T
Stevenson's Hatchery & Feed Mill, Dallas, Texas.							
Stevenson's Super-Brand Laying Mash	20.00	3.60	7.00	46.00			1188M
Analysis ⁵⁷⁷	21.12	4.02	6.46	49.26	9.98	9.16	44T
Stevenson's Super-Brand Starting Mash	18.00	3.60	6.50	50.00			1188O
Analysis	20.46	4.34	5.61	50.80	11.14	7.65	445T
Stockmens Feed Manufacturing Company, Clovis, New Mexico.							
Perfecto Brand 18% Protein Dairy Feed	18.00	3.00	7.00	51.00			1578H
Analysis	17.70	3.13	5.55	56.15	11.23	6.24	69K
El Rancho Brand 36% Protein Concentrate for Poultry	36.00	4.50	5.00	22.00			1578Y
Analysis ⁵⁷⁸	37.97	5.29	7.27	23.52	7.79	18.16	215K
El Rancho Brand Special Molding Mash	21.00	3.50	6.00	44.00			1578D8
Analysis	21.50	5.10	5.84	48.39	9.89	9.28	49K
Stubbs-Young Grain & Seed Company, Lubbock, Texas, and Branches.							
Sun-Ray Brand Chick Starter	17.00	3.50	7.00	52.00			1707C
Analysis ^{k579}	18.10	4.01	5.74	54.00	10.76	7.39	339S
Analysis ^{k580}	16.54	4.25	4.99	55.44	12.32	6.46	183T
Analysis	19.16	4.59	4.49	53.28	11.28	7.20	364T
Sun-Ray Brand Growing Mash	15.00	3.50	8.00	54.00			1707D
Analysis	16.66	3.59	5.17	58.07	9.67	6.84	463S
Sun-Ray Brand Laying Mash	18.00	3.50	8.00	48.00			1707G
Analysis ^k	17.67	3.58	5.20	55.35	9.75	8.45	193K
Analysis	16.46	3.82	4.53	56.15	13.18	5.86	132T
Sun-Ray Brand Dairy Feed	18.50	3.40	12.00	47.00			1707I
Analysis ⁵⁸¹	15.14	2.74	10.60	53.70	10.47	7.35	594T
X-L Brand 9% Protein Sweet Feed	9.00	1.50	16.00	53.00			1707A4
Analysis	9.70	1.79	12.43	53.82	14.26	8.00	365T
Alfalfa Meal and Molasses	10.00	1.00	25.00	42.50			1707B4
Analysis	8.69	.74	18.91	52.35	11.37	7.94	637T
X-L Brand 35% Protein Laying Mash Supplement	35.00	4.50	7.00	21.00			1707B9
Analysis ⁵⁸²	35.00	6.42	7.86	24.51	7.85	18.36	224S

a, b, c, l, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁶⁷⁹Soybean oil meal found, not claimed.⁵⁷⁷Cottonseed meal found, not claimed.⁵⁷⁸Ground dried kelp claimed, not found.⁵⁷⁹Excess of salt found.⁵⁸⁰Deficient in ground limestone.⁵⁸¹Linseed meal claimed, not found.⁵⁸²Excess of salt found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Sugar Land Feed Company, Sugar Land, Texas.							
Mxtrite Brand Ground Peanut Hay and Molasses	6.00	1.00	18.00	49.00			1528M
Analysis	6.98	1.18	20.40	46.89	14.32	10.23	38M
Mxtrite Brand Alfalfa Meal and Molasses	10.50	1.20	25.00	42.00			1528A6
Analysis	9.94	.64	21.45	45.55	14.15	8.27	39M
Mxtrite Brand Ear Corn Chop with Husk and Molasses	6.50	2.00	8.00	65.00			1528D6
Analysis	7.60	2.31	8.02	67.56	11.97	2.54	37M
Sugar Land Industries, The, Sugar Land, Texas.							
Brewers' Dried Grains	21.00	6.00	18.00	40.00			1957A
Analysis ^{a583}	22.18	6.92	17.32	41.84	7.94	3.80	2T
Brewers' Dried Grains	24.00	4.50	18.00	40.00			1957C
Analysis	20.58	7.01	18.67	41.40	8.93	3.41	255M
Analysis ^a	20.25	5.99	18.56	42.87	8.35	3.98	488M
Sulphur Springs Cotton Oil Company, Sulphur Springs, Texas.							
43% Protein Cottonseed Meal	43.00	5.00	12.00	23.00			133C
Analysis	43.77	6.00	9.38	27.12	7.75	5.98	23P
Analysis ^{bc}	41.69	5.81	10.92	27.84	8.36	5.38	26P
Analysis	42.80	6.55	10.25	26.63	7.82	5.95	127P
Laying Mash	20.50	3.50	7.40	44.60			133U
Analysis ^{a584}	21.60	3.50	6.31	46.71	10.79	11.09	126P
Sun-Ray Feed & Produce, Levelland, Texas.							
Mix Mash	18.00	3.50	5.00	54.00			2000C
Analysis	17.76	4.22	4.09	55.43	11.77	6.73	222S
Superior Feed Mills, Oklahoma City, Oklahoma.							
Superior Egg-Producer Brand Laying Mash	19.40	3.80	7.50	46.70			1903C
Analysis ^a	19.17	4.54	7.76	50.34	9.59	8.60	35K
Superior Brand 24% Protein Dairy Feed	24.00	3.50	10.50	46.00			1903U
Analysis ^{a585}	22.99	3.62	8.84	46.46	9.26	8.83	34K
Sweetwater Cotton Oil Company, Sweetwater, Texas.							
Sweetwater Dairy Feed	20.00	3.60	12.50	45.00			2278B
Analysis	21.50	3.92	11.47	46.44	9.52	7.15	8S
43% Protein Cottonseed Meal	43.00	5.20	12.00	23.00			2278G
Analysis	43.17	5.08	11.86	26.01	7.81	6.07	12S
Analysis	42.57	5.22	12.72	27.72	6.33	5.44	26S
Analysis	43.95	5.12	10.16	28.42	6.72	5.63	80S
Analysis	44.54	5.57	11.17	27.51	5.41	5.80	109S
Analysis	43.30	5.95	11.71	27.08	5.99	5.97	284S
Analysis	44.05	6.02	10.10	28.02	5.68	6.13	285S
Analysis	44.25	5.55	11.23	27.44	5.53	6.00	311S
Analysis	44.85	5.83	11.11	27.09	4.97	6.15	403S
Analysis	44.15	5.59	12.59	25.88	5.91	5.88	436S
Analysis	43.70	5.12	12.56	26.68	6.21	5.73	448S
Analysis	43.75	5.47	11.51	27.74	5.57	5.96	263W
Analysis	43.87	5.72	12.39	26.56	5.40	6.06	414W
Analysis	44.59	6.16	11.78	26.17	5.22	6.08	416W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁵⁸³Registration canceled.⁵⁸⁴Excess of ground oyster shell found.⁵⁸⁵Kafir meal found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Sweetwater Cotton Oil Company, Sweetwater, Texas—Cont'd.							
43% Protein Cottonseed Cake	43.00	5.20	12.00	23.00	—	—	2278H
Analysis	44.23	5.85	9.98	27.23	6.53	6.18	326S
Sweetwater Range Cubes	20.00	3.00	9.00	48.00	—	—	2278J
Analysis	20.12	3.48	8.50	49.42	9.28	9.20	76S
43% Protein Cottonseed Cubes	43.00	5.20	12.00	23.00	—	—	2278M
Analysis	43.42	6.18	10.47	27.43	6.33	6.17	161S
Analysis ^c	41.36	6.05	11.08	28.40	7.12	5.99	191S
Analysis	44.06	5.42	10.90	27.49	6.03	6.10	200S
Analysis ^c	42.40	7.17	11.49	25.91	6.72	6.31	428S
Analysis	43.96	5.98	11.24	27.37	5.35	6.10	438S
Analysis ^c	41.89	6.04	12.49	28.48	5.55	5.55	447S
Analysis ^c	41.66	5.21	12.95	27.08	7.59	5.51	505S
Analysis ^c	42.19	5.44	11.02	29.30	5.94	6.11	268W
Analysis	42.55	5.36	11.44	28.23	6.48	5.94	263W
Analysis	42.74	5.83	11.61	26.50	7.24	6.08	424W
Lasses Sweetco Mixed Feed	11.00	1.50	30.60	39.50	—	—	2273O
Analysis ^k	11.52	1.65	31.84	39.60	11.29	4.10	480S
Sweetwater Growing Mash	17.50	3.50	5.00	54.00	—	—	2278Q
Analysis	17.37	4.81	3.78	55.59	10.42	8.03	544S
Sweetwater Baby Chick Starter	17.50	3.50	5.00	52.50	—	—	2278R
Analysis	18.16	4.99	5.31	55.81	9.23	6.50	633S
Analysis	18.23	4.59	4.44	55.73	9.87	7.14	415W
Sweetwater Laying Mash	18.50	3.50	8.00	48.00	—	—	2278V
Analysis	19.28	5.11	7.27	49.77	9.50	9.07	592S
Sweetwater Supreme Brand Laying Mash Pellets	20.00	3.60	6.00	45.50	—	—	2278B4
Analysis ^{58c}	21.35	4.95	5.24	50.91	8.63	8.92	593S
Sweetwater Broiler Mash	18.00	4.00	6.50	49.00	—	—	2278C2
Analysis	19.29	5.00	5.43	52.61	10.23	7.44	543S
Club Boy 28% Protein Concentrate Pellets	28.00	3.80	13.00	25.50	—	—	2278C8
Analysis ⁵⁸⁷	31.42	3.80	8.83	28.43	8.43	19.09	75S
28% Protein Whole-Pressed Cottonseed Cubes	28.00	6.00	23.00	29.00	—	—	2278D1
Analysis ^{dabck}	26.91	6.95	21.23	34.09	6.43	4.39	11S
Analysis ^{kb}	29.78	3.85	21.28	32.34	8.32	4.43	81S
Swift & Company, Chicago, Illinois, and Branches.							
Swift's 60% Protein Digester Tankage	60.00	5.00	3.00	0.00	—	—	279A
Analysis ^c	50.95	10.65	2.00	3.96	15.89	16.55	323H
Analysis ^c	53.37	13.19	1.15	2.97	13.16	16.16	438H
Analysis	61.25	5.12	1.38	2.73	12.46	17.06	449H
Analysis	65.20	5.00	1.11	1.74	10.56	16.39	544M
Analysis	60.20	11.49	1.59	.78	4.79	21.15	516S
Analysis ^c	58.58	9.18	2.31	1.49	5.28	23.16	15W
Swift's Chick Mash	18.50	4.00	6.00	49.00	—	—	279E
Analysis	20.63	4.93	5.32	51.01	9.40	8.71	462W
Swift's 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00	—	—	270I
Analysis ^c	49.25	12.54	2.11	.99	6.84	28.27	35H
Analysis	51.45	9.59	2.63	.66	5.66	30.01	297H
Analysis ^c	49.48	9.43	2.09	1.25	6.27	31.48	437T
Analysis ^c	48.03	8.90	1.88	1.09	5.61	34.49	598T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

^{58c} Cottonseed meal found, not claimed.⁵⁸⁷ Deficient in ground limestone and excess of salt found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Swift & Company (Oil Mill), Little Rock, Arkansas.							
Cotton Bloom Brand 41% Protein Cottonseed Cake	41.00	5.00	12.00	25.00			598E
Analysis ⁴⁵⁵⁸	41.37	5.55	10.54	28.42	7.18	6.94	460T
Cotton Bloom Brand 41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00			598F
Analysis ⁴⁵⁵⁸	41.33	6.06	10.15	29.17	6.54	6.75	459T
Swift & Company (Soybean Mill), Champaign, Illinois, and Branches.							
Swift's 43% Protein Soybean Oil Meal	43.00	3.50	7.00	29.00			715C
Analysis ^a	47.00	4.23	6.19	25.45	10.83	6.30	577T
Syntha-Milk Laboratories, Ingomar, Ohio.							
Syntha-Mixer	35.00	5.00	5.00	27.00			2604A
Analysis	36.00	4.53	6.08	35.31	8.97	9.06	345S
Analysis ⁵⁸⁹	37.59	5.62	7.93	30.30	7.88	10.68	634S
Analysis ⁵⁹⁰	38.55	5.33	8.14	29.59	8.72	9.67	W
Taft Cotton Oil Company, Taft, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			1415D
Analysis	43.94	6.55	10.25	26.03	7.28	5.95	82H
Analysis ^a	42.25	6.28	11.30	26.44	7.85	5.88	233H
Analysis ^a	42.05	5.80	11.55	26.12	8.60	5.88	304H
Analysis ^a	42.10	5.77	11.36	26.43	8.44	5.90	443H
Analysis	42.83	5.99	9.18	26.78	9.42	5.80	E
Taylor, E. L., San Angelo, Texas.							
E. L. Taylor Special Dairy Feed	18.00	3.60	13.00	46.50			2175A
Analysis	18.52	4.37	12.12	46.63	10.21	8.15	31S
Taylor Brokerage Company, San Angelo, Texas.							
Taylor's Best Cow Feed	19.00	3.00	15.00	44.00			2347D
Analysis	21.01	4.08	11.75	45.83	8.90	8.43	430S
Dandy Brand Laying Mash	18.50	3.50	7.60	48.00			2347E
Analysis	19.28	3.41	5.08	54.40	10.01	7.82	500S
Rainbow Sheep and Cattle Feed Pellets	16.00	3.00	8.50	53.00			2347N
Analysis	16.62	3.25	6.40	58.21	9.49	6.03	197S
Taylor's Money-Saver Brand Growing Mash	16.00	3.50	5.50	53.50			2347Q
Analysis	19.57	3.25	5.50	54.61	8.80	8.27	609S
Taylor's Money-Saver Brand Chick Starter	17.50	3.50	7.00	51.00			2347S
Analysis	16.96	3.39	4.07	58.09	10.61	6.88	499S
Taylor Grain Company, Van Alstyne, Texas.							
Texana Brand Starter with Buttermilk and Cod Liver Oil	17.00	4.00	5.00	52.00			104F
Analysis	18.10	5.37	5.13	53.70	10.66	7.04	126T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁵⁸⁸Blank Texas tags attached.⁵⁸⁹Shrimp meal substituted for fish meal. Calcium carbonate found, not claimed.⁵⁹⁰Shrimp meal substituted for fish meal. Calcium carbonate found, not claimed.

Dried skimmed milk claimed, not found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Taylor's Feed Store, Lampasas, Texas.							
Taylor's Special Laying Mash	20.00	3.50	7.00	45.00			899B
Analysis	21.95	4.68	6.27	47.69	9.67	9.74	619W
Taylor's All-Mash Chick Starter	17.00	4.00	5.50	52.00			899C
Analysis	17.50	4.99	5.15	55.25	9.78	7.33	529W
Double (T) Pig and Hog Feed	26.00	3.50	8.00	40.00			899I
Analysis	28.13	4.75	8.27	40.90	8.91	9.04	431W
Temple Feed and Fuel Company, Temple, Texas.							
Temco Laying Mash	20.00	3.50	7.00	47.20			2129E
Analysis	21.25	3.73	6.65	48.51	10.91	8.95	335W
Temco Growing Mash	17.00	3.80	6.70	52.00			2129L
Analysis	19.13	4.29	6.89	51.91	10.06	7.72	641W
Temco All-Mash Chick Starter	16.00	3.50	4.50	56.00			2129N
Analysis	17.81	4.35	4.43	55.68	10.30	7.43	565W
Blue Ribbon Brand Sweet Cow Feed	10.00	1.80	14.00	54.00			2129R
Analysis ⁵⁰¹	10.20	1.84	13.77	55.82	11.91	6.46	219H
Analysis	8.87	1.90	14.72	54.90	11.90	7.71	325W
Temco 32% Protein Laying Mash Concentrate	32.00	4.50	6.00	28.00			2129U
Analysis ⁵⁰²	30.03	5.10	8.15	31.37	8.41	16.89	87W
Analysis	32.70	3.53	5.33	31.22	8.62	18.60	336W
Temple Grain & Hay Company, Fort Worth, Texas.							
Milo Head Chop	8.50	2.50	8.00	65.00			1137A
Analysis ^a	10.01	2.51	6.82	64.62	12.17	3.87	371M
Terminal Grain Company, Fort Worth, Texas.							
Ground Whole Oats	11.00	4.00	12.00	58.00			960P
Analysis ⁵⁰³	12.39	2.62	8.51	61.92	11.01	3.55	57T
Analysis ⁴⁷⁵⁰⁴	11.30	3.30	11.44	59.55	10.10	4.31	134T
Analysis ⁵⁰⁵	12.41	4.02	9.26	60.78	9.79	3.74	218T
Analysis ⁵⁰⁶	11.40	3.63	9.43	58.37	11.49	5.68	503T
Half-Oats Mixed Feed	11.00	1.20	27.40	40.00			960Q
Analysis ⁷	10.00	.95	29.47	36.66	14.59	8.33	506T
Rodeo Sweet Feed	9.00	1.50	10.50	56.00			960B2
Analysis	10.97	2.26	7.01	59.21	13.62	6.93	587W
Blue Tag All-Mash Starter with Buttermilk and Cod Liver Oil	17.00	3.70	4.60	54.30			960D6
Analysis	16.85	3.79	5.32	55.58	9.90	8.56	499W
Terrell Milling Company, Terrell, Texas.							
Red Diamond Cow Hash	24.00	4.00	12.00	41.00			125L
Analysis	22.04	3.90	10.79	45.43	10.91	6.93	119P
Analysis	20.75	4.36	9.68	45.15	12.59	7.47	467T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁵⁰¹Excess of salt found.⁵⁰²Deficient in ground limestone.⁵⁰³Ground whole barley and sudan grass seed present.⁵⁰⁴Used by manufacturer in mixed feed.⁵⁰⁵Corn meal present.⁵⁰⁶Corn meal and milo meal present.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Terrell Milling Company, Terrell, Texas—Continued.							
Alfalfa Meal and Molasses	10.50	1.10	25.00	42.00			125S
Analysis ⁵⁹⁷	11.30	1.04	20.04	45.63	13.99	8.00	118P
Bunko Brand Sweet Feed	10.00	2.00	14.50	53.00			125Y
Analysis	11.48	1.76	11.83	56.74	11.84	6.35	34P
Red Diamond Hog Feed	10.34	2.18	11.20	57.74	12.70	5.84	23W
Analysis	14.80	3.00	6.00	64.00			125B5
	15.54	3.28	5.72	57.67	11.57	6.22	180P
Texarkana Cotton Oil Corporation, Texarkana, Arkansas-Texas							
41.12% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00			1272B
Analysis ^c	40.06	5.05	12.68	27.98	7.85	6.38	195P
Analysis	41.75	5.10	11.71	27.93	6.68	6.83	198P
Texas Cotton Industries, Marfa, Texas.							
28% Protein Whole-Pressed Cottonseed	28.00	6.00	23.00	29.00			832A
Analysis	28.04	6.38	24.91	28.68	6.82	5.17	607S
28% Protein Whole-Pressed Cottonseed Pellets	28.00	6.00	23.00	29.00			832B
Analysis	27.50	6.58	23.32	29.87	7.88	4.85	494S
Texas Farm Products Company, Nacogdoches, Texas.							
Plow Boy Mule Ration	9.00	2.50	22.25	44.50			256C
Analysis ⁵⁹⁹	10.99	3.37	19.39	44.16	11.27	10.32	379M
Lone Star Brand Laying Mash	20.50	3.40	8.00	46.00			256H
Analysis ⁶⁰⁰	20.70	3.86	5.19	50.84	10.23	9.18	61M
Lone Star Brand Hominy Feed	10.00	6.00	7.00	60.00			256J
Analysis	9.35	6.82	9.83	61.53	9.97	2.50	372M
Jersey Cream Brand 16% Protein Dairy Ration	16.00	3.00	19.00	39.00			256R
Analysis ^c	16.60	2.85	18.08	42.21	11.58	8.68	133M
Analysis	15.57	3.27	18.87	41.66	11.20	9.43	380M
Lone Star Brand Growing Mash	17.50	3.50	8.50	48.00			256S
Analysis ⁶⁰¹	20.19	4.09	6.69	48.26	9.68	11.09	494M
Lone Star Brand Broiler Mash	18.50	5.50	6.00	49.00			256W
Analysis ⁶⁰²	18.34	5.58	5.24	52.32	10.65	7.87	495M
East Texas 24% Protein Dairy Feed	24.00	3.50	9.50	42.20			256X
Analysis ⁶⁰³	24.31	3.08	9.82	45.40	10.53	6.86	378M
Rice Hulls, Molasses, Rice Bran, Crimped Whole Oats, and Corn Chop	4.00	1.20	25.00	41.00			256A2
Analysis	6.67	1.72	23.19	42.34	11.67	14.41	377M
11% Protein Sweet Mixed Feed	11.00	1.50	30.00	37.00			256A4
Analysis	11.14	1.11	26.15	38.82	11.63	11.15	143P

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁵⁹⁷Milo, milo chop, ground peanut hay, and corn screenings present.⁵⁹⁸Peanut hulls found, not claimed.⁵⁹⁹Deficient in salt.⁶⁰⁰Cottonseed meal found, not claimed.⁶⁰¹Linseed meal and corn gluten feed found, not claimed.⁶⁰²Fish meal claimed, not found. Linseed meal found, not claimed.⁶⁰³Brewers' dried grains claimed, not found. Milo meal found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Texas Farm Products Company, Nacogdoches, Texas.							
—Continued.							
East Texas Special Egg Mash	18.50	3.50	8.00	47.50			256A9
Analysis ⁶⁰⁴	21.60	3.53	6.45	49.39	10.05	8.98	496M
18% Protein Cow Feed	18.00	2.70	23.00	32.00			256B2
Analysis ⁶⁰⁵	15.40	2.63	21.76	37.61	10.70	11.90	59M
Analysis ⁶⁰⁶	15.81	2.74	22.23	35.75	10.96	12.51	132M
Analysis	16.50	3.31	20.23	35.04	12.17	12.75	145P
Piney Woods Mixed Feed	10.00	6.50	10.00	48.00			256B3
Analysis ⁶⁰⁷	11.41	8.64	8.51	48.25	10.53	12.66	60M
Texas Mill & Elevator Company, Abilene, Texas.							
Abtex Super-Layer Brand Egg Mash with Cod Liver Oil	18.00	3.60	7.00	44.50			980O
Analysis	20.03	4.53	5.48	50.63	10.60	8.73	626S
Abtex All-Mash Starter and Grower	16.50	3.60	6.70	53.00			980R
Analysis	18.25	4.50	5.92	55.77	8.69	6.87	646S
Abtex 32% Protein Egg Mash Concentrate	32.00	4.00	7.00	33.50			980V
Analysis	32.10	4.32	6.39	35.75	9.29	12.15	246T
Abtex Special Growing Mash with Cod Liver Oil	16.50	3.60	7.00	52.00			980Y
Analysis	16.70	4.69	5.91	55.39	11.05	6.26	524S
Abtex Butter and Milk Brand Cow Feed	24.00	3.50	11.00	42.00			980A5
Analysis	23.50	3.78	9.43	44.26	10.75	8.28	625S
Good Value Brand Feed	16.00	3.00	8.00	50.00			980C8
Analysis ⁶⁰⁸	15.16	2.92	7.39	54.00	12.46	8.07	6S
Analysis ⁶⁰⁹	18.11	3.49	8.79	50.92	10.91	7.78	418W
All-Weather Brand Egg Laying Mash	18.50	3.50	7.50	48.70			980D9
Analysis	19.30	4.18	6.84	50.33	10.14	9.21	59S
Analysis	18.75	3.67	6.35	52.30	10.23	8.70	380T
Analysis	19.95	4.00	6.26	50.96	10.38	8.45	262W
Texas Milling Company, Clifton, Texas.							
Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00			1917D
Analysis	16.24	4.42	5.90	57.39	12.15	3.90	164P
Analysis ^{610c}	17.55	3.78	7.37	55.27	11.28	4.75	111W
Analysis ^{610e}	18.70	4.33	6.33	54.39	11.59	4.66	236W
Texaco 24% Protein Dairy Feed	24.00	3.70	11.50	41.00			1917R
Analysis ⁶¹¹	25.56	4.56	11.03	42.48	10.08	6.29	22J
Analysis	26.68	3.96	11.74	40.67	9.40	7.55	598W
Pay-Day Brand 5 Egg Mash	19.00	3.50	7.50	46.00			1917T
Analysis ⁶¹²	19.20	3.68	6.30	53.59	10.98	6.25	485M
Analysis ⁶	19.26	4.28	6.65	51.86	10.27	7.68	593W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁶⁰⁴Soybean oil meal found, not claimed.⁶⁰⁵Deficient in ground oyster shell.⁶⁰⁶Deficient in ground oyster shell and excess salt found.⁶⁰⁷Cottonseed meal found, not claimed.⁶⁰⁸Milo meal, corn meal, and cottonseed hulls found, not claimed. Deficient in ground limestone and excess salt found.⁶⁰⁹Excess of salt found.⁶¹⁰Wheat brown shorts and screenings.⁶¹¹Deficient in ground limestone.⁶¹²Deficient in ground oyster shell.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued(The guaranties are printed in *italics* following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Texas Milling Company, Clifton, Texas—Continued.							
Flock Favorite Brand Egg Mash	18.50	3.50	7.50	50.50			1917Z
Analysis ^{k613}	21.01	4.26	7.67	50.90	9.21	6.95	620W
Texas Star Flour Mills, Galveston, Texas.							
Wheat Gray Shorts	17.50	4.00	6.00	55.00			146I
Analysis ^{614a}	17.80	3.94	6.38	55.54	12.24	4.10	181T
Analysis ⁶¹⁵	16.72	4.26	5.79	56.26	12.19	4.78	196W
All-Star Brand All-Mash Chick Starter with Cod Liver Oil	18.00	4.00	6.20	51.00			146S
Analysis ^{k616}	21.80	2.97	7.50	52.37	9.68	5.68	364W
All-Star Special Value Brand Peanut Hulls, Molasses, Rice Hulls, Milo Head Stems, Screenings, Limestone, and Salt	5.00	1.00	26.00	43.00			146W
Analysis ⁶¹⁷	5.30	1.04	39.78	31.69	13.76	8.43	265M
Thornton's Feed Mill, Cisco, Texas.							
Thornton's Dairy Cow Feed	21.00	4.10	10.00	48.00			2249I
Analysis	22.10	4.63	9.83	48.47	9.73	5.24	624S
Thornton's Best 18% Protein Dairy Feed	18.00	5.00	13.00	40.00			2249Q
Analysis ⁶¹⁸	15.39	3.57	11.06	50.99	10.77	8.22	3S
Thornton's Special Laying Mash	19.00	3.60	8.00	45.00			2249R
Analysis	21.10	4.00	6.96	45.87	9.37	12.70	623S
Thornton's Growing Mash	16.00	3.50	7.00	52.00			2249U
Analysis ⁶¹⁹	17.61	3.75	5.56	54.53	10.80	7.75	575S
Thornton's Baby Chick Starter	17.00	3.50	6.50	50.00			2249W
Analysis ⁶²⁰	18.39	4.51	5.26	53.09	9.70	9.05	376T
Thornton's Best Turkey Starter	24.00	4.00	7.00	42.50			2249A4
Analysis ⁶²¹	24.25	3.43	5.90	45.22	10.24	10.91	576S
Throckmorton Mill & Elevator Company, Throckmorton, Texas.							
Wheat Mixed Feed and Scourings	15.00	3.50	8.50	52.00			894A
Analysis	18.72	3.70	6.90	53.99	11.58	5.11	69S
Tidwell Fuel & Feed Company, El Paso, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			662B
Analysis ^b	41.67	6.89	10.24	28.76	6.51	5.93	23S
Success Brand Growing Mash	16.00	3.50	6.50	52.00			662D
Analysis	15.57	5.66	5.98	55.85	9.28	7.66	489S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁶¹³Alfalfa leaf meal found, not claimed.

⁶¹⁴Wheat brown shorts.

⁶¹⁵Corn meal present.

⁶¹⁶Soybean oil meal found, not claimed. Deficient in ground limestone.

⁶¹⁷Rice hulls claimed, not found. Excess of peanut hulls found.

⁶¹⁸Deficient in ground oyster shell and salt.

⁶¹⁹Deficient in peanut meal, soybean oil meal, and ground limestone.

⁶²⁰Excess of salt found.

⁶²¹Milo meal found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Tidwell Fuel & Feed Company, El Paso, Texas—Cont'd.							
Tidwell's Success Brand Chick Starter	19.60	3.60	7.00	49.50			662F
Analysis ⁶²⁰	19.09	5.29	4.68	54.22	9.80	6.92	415S
Tidwell's Success Brand Laying Mash	20.50	3.70	8.00	45.50			662J
Analysis	19.58	6.39	9.18	49.61	7.54	7.70	551S
Tidwell's Egg-Producer Brand Laying Mash	20.00	3.70	8.00	46.00			662K
Analysis	20.20	5.66	7.93	50.04	8.94	7.23	93S
Analysis	19.69	4.81	8.27	53.14	7.57	6.52	638S
Dried Buttermilk (Feeding)	30.00	5.00	1.00	39.00			662P
Analysis	33.65	5.38	.13	41.98	5.22	13.64	601S
Wheat Gray Shorts	17.00	4.00	6.00	55.00			662Q
Analysis ⁶²²	16.78	4.79	8.22	57.04	8.14	5.03	548S
More-Milk Brand Dairy Feed with Molasses	17.00	4.50	8.50	50.00			662T
Analysis ⁶²³	17.40	4.67	8.94	53.40	9.74	5.85	173S
Tidwell's Success Brand Broiler Mash	19.60	3.60	7.00	49.50			662C3
Analysis	23.13	6.67	6.20	46.65	8.86	8.49	294S
Tobian & Company, Louis, Dallas, Texas.							
43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00			955A
Analysis ^a	41.62	6.02	11.83	24.46	9.78	6.29	56H
Analysis	43.83	5.23	9.48	28.21	6.93	6.32	28J
Analysis ^a	42.12	5.90	10.43	27.66	7.91	5.98	127M
Analysis ^a	41.31	5.33	12.25	26.84	7.75	6.52	306M
Analysis	42.55	5.40	10.01	26.72	8.88	6.44	503M
Analysis	43.90	5.68	8.23	27.38	7.58	7.23	508M
Analysis	42.73	5.28	10.06	27.61	7.14	7.18	3P
Analysis ^a	42.24	5.89	10.01	27.55	7.31	7.00	43P
Analysis	42.83	5.93	8.91	27.73	7.97	6.63	42P
Analysis	43.87	6.00	9.05	27.67	6.80	6.61	138P
Analysis ^b	41.90	5.35	10.27	28.22	7.16	7.10	150P
Analysis	43.50	5.23	9.49	27.72	7.02	7.04	165P
Analysis ^a	42.24	6.10	9.31	26.06	9.65	6.64	199P
Analysis	43.18	6.02	8.99	27.52	7.59	6.70	38S
Analysis	43.93	5.59	9.30	27.53	6.53	7.12	203T
Analysis	43.46	6.25	9.49	25.82	8.10	6.88	324T
Analysis	43.27	5.69	10.15	28.38	5.34	7.17	392T
Analysis	43.39	5.57	9.39	27.36	7.55	6.74	486T
Analysis ^a	42.42	6.19	10.37	26.90	7.45	6.67	556T
43% Protein Cottonseed Cake	43.00	5.20	12.00	25.00			955B
Analysis	43.35	5.87	9.55	23.11	6.55	6.57	37S
Navy Brand 41.12% Protein Cracked Cottonseed Feed	41.12	5.00	14.00	26.00			955D
Analysis	41.10	6.22	10.73	27.33	7.74	6.88	2P
Analysis ^b	39.29	5.51	10.48	27.98	9.96	6.78	87T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁶²⁰Excess of salt found.⁶²²Wheat mixed feed.⁶²³Deficient in ground limestone and salt.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Tobian & Company, Louis, Dallas, Texas—Continued.							
Navy Brand 41.12% Protein Ground Cottonseed Feed	<i>41.12</i>	<i>5.00</i>	<i>14.00</i>	<i>26.00</i>			
Analysis ^{ko}	<i>39.94</i>	6.21	9.81	30.15	6.92	6.97	955E
Analysis ^{ko}	<i>40.53</i>	6.40	10.32	27.92	8.05	6.78	86M
Analysis ^{ko}	<i>40.28</i>	5.09	11.94	29.17	6.85	6.67	242M
Analysis ^k	<i>40.88</i>	5.14	11.23	28.70	7.20	6.85	83P
Analysis ^k	41.79	6.26	9.01	27.81	8.22	6.91	86T
41% Protein Cottonseed Meal	<i>41.00</i>	<i>5.00</i>	<i>12.00</i>	<i>25.00</i>			
Analysis	41.26	5.44	11.19	28.24	7.09	6.78	955K
Analysis	42.08	6.14	9.41	27.54	7.86	6.97	345M
Analysis ^o	<i>39.31</i>	5.29	11.67	30.12	6.84	6.77	369M
Analysis ^o	<i>39.93</i>	5.65	10.63	30.02	6.85	6.92	444M
Analysis ^o	<i>39.05</i>	5.72	<i>13.24</i>	26.41	9.08	6.50	510M
Analysis	41.45	5.67	10.60	28.72	6.48	7.08	515M
Analysis ^o	<i>39.88</i>	5.41	11.87	28.98	7.25	6.61	440W
							542W
Tonroy Feed Store, Lueders, Texas.							
Clear Fork Brand Laying Mash	<i>18.00</i>	<i>3.50</i>	<i>7.80</i>	<i>51.00</i>			
Analysis ⁶²⁴	18.92	4.14	7.26	53.08	9.08	7.52	920B
							267T
Tornillo Cotton Oil Company, Tornillo, Texas.							
28% Protein Whole-Pressed Cottonseed	<i>28.00</i>	<i>6.00</i>	<i>23.00</i>	<i>29.00</i>			
Analysis	<i>27.75</i>	8.60	<i>24.36</i>	<i>23.30</i>	6.52	4.47	1852A
Analysis	28.69	6.98	22.74	30.12	6.93	4.54	101S
Analysis	28.05	6.73	22.20	32.58	5.84	4.60	102S
Analysis	28.29	6.82	22.02	32.89	5.28	4.70	180S
Analysis	28.40	6.60	22.30	32.03	5.73	4.94	183S
Analysis	29.20	6.21	21.77	32.22	6.02	4.58	293S
							300S
28% Protein Ground Whole-Pressed Cottonseed	<i>28.00</i>	<i>6.00</i>	<i>23.00</i>	<i>29.00</i>			
Analysis ^o	<i>25.83</i>	6.31	21.84	34.70	7.02	4.30	1852B
Analysis	28.18	6.53	21.94	32.86	5.66	4.83	82S
Analysis ^o	<i>27.20</i>	6.97	22.51	32.99	5.23	5.10	286S
							406S
28% Protein Whole-Pressed Cottonseed Cubes	<i>28.00</i>	<i>6.00</i>	<i>23.00</i>	<i>29.00</i>			
Analysis	28.40	6.39	22.48	30.35	7.60	4.78	1852C
							301S
Traders Oil Mill Company, Fort Worth, Texas.							
43% Protein Cracked Cottonseed Cake	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>23.00</i>			
Analysis	43.96	5.64	9.89	26.04	8.18	6.29	2610C
43% Protein Cottonseed Meal	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>23.00</i>			
Analysis	<i>42.91</i>	5.81	9.96	28.03	7.09	6.20	62P
Analysis	45.40	5.74	10.62	26.19	6.28	5.77	2610D
Analysis	<i>42.55</i>	5.87	8.18	27.69	8.88	6.83	76H
Analysis	43.65	5.76	8.91	28.24	6.71	6.73	326M
Analysis	44.41	7.51	10.17	25.61	6.76	5.54	408M
Analysis	44.74	5.51	10.23	27.75	5.60	6.17	16T
Analysis	44.55	5.82	10.40	27.52	6.04	5.67	544T
Analysis	44.04	6.36	9.33	26.22	7.30	6.75	32W
Analysis	<i>42.86</i>	5.70	10.58	28.07	6.75	6.04	92W
Analysis ⁶²⁵	47.66	6.63	10.21	23.65	5.44	6.41	376W
							L

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

⁶²⁴Ground whole barley found, not claimed.⁶²⁵Off quality.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Traders Oil Mill Company, Fort Worth, Texas—Cont'd.							
43% Protein Peanut Meal	43.00	6.00	12.00	23.00			2610H
Analysis	45.18	7.25	14.35	21.50	6.92	4.80	33H
Analysis ^b	43.40	6.97	16.64	21.03	7.41	4.55	56K
Analysis	43.06	5.89	16.73	21.33	7.80	5.19	231M
Analysis	45.61	6.44	14.74	21.77	7.06	4.38	221T
Analysis ^c	38.86	7.68	22.56	18.93	7.39	4.58	231T
Analysis	42.65	6.30	16.65	21.78	8.02	4.60	363T
43% Protein Cottonseed Pellets							
Analysis	43.00	5.20	12.00	23.00			2610I
Analysis ^c	42.45	6.07	9.20	27.37	8.52	6.39	114K
Analysis	43.33	5.38	11.35	25.77	8.66	5.51	56S
Analysis	43.30	6.41	10.23	25.79	7.86	6.41	248S
Analysis ^c	42.10	6.09	10.15	28.98	6.19	6.49	429S
Analysis	43.05	6.29	8.81	26.40	9.10	6.35	49T
Analysis	43.35	5.89	9.43	27.69	7.10	6.54	K
41.12% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00			2610P
Analysis ^c	39.99	5.00	12.05	29.26	7.02	6.68	175M
Analysis ^c	41.38	5.91	10.71	28.39	7.46	6.15	260M
Transit Grain & Commission Company, Fort Worth, Texas.							
Ground Whole Oats	11.00	4.00	12.00	58.00			1839C
Analysis	11.50	4.49	10.60	59.33	9.70	4.38	404T
Transit's 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00			1839O
Analysis	49.93	10.32	1.59	1.78	5.15	31.23	39J
Analysis ^{b25}	51.15	8.64	1.30	.90	6.08	31.93	101K
Analysis ^c	52.42	7.16	1.53	2.81	5.82	30.26	300K
Analysis ^{c27}	45.25	13.61	2.55	4.30	6.59	27.70	504T
Analysis	50.22	10.91	1.64	1.53	5.35	30.35	610T
V-P-M 34% Protein Controller Concentrate	34.00	3.50	7.00	31.00			1839D3
Analysis	32.91	4.74	9.65	35.31	10.09	7.30	62H
Analysis ^{c28}	33.41	4.82	12.13	32.55	7.85	9.24	216K
Analysis	35.05	3.90	9.99	32.69	9.58	8.79	193P
Analysis ^{c29}	34.50	4.50	11.01	32.67	9.28	8.04	580S
Analysis	35.44	4.32	9.51	34.37	8.65	7.71	26T
Analysis	32.71	4.72	10.13	35.21	10.25	6.98	100T
Analysis	33.59	4.41	11.09	33.07	9.35	8.49	387T
Analysis	34.07	4.36	11.46	32.84	8.91	8.36	462T
Analysis ^c	34.00	4.53	12.09	32.00	8.85	8.53	437W
V-P-M 34% Protein Controller Concentrate	34.00	3.50	9.00	31.00			1839D3
Analysis ^d	34.54	4.42	9.88	33.44	8.85	8.87	638T
Transit's Brand 55% Protein Improved Meat and Bone Scraps	55.00	3.00	3.00	0.00			1839D6
Analysis ^c	53.28	6.67	1.33	.49	5.89	31.84	240K
Analysis ^c	53.10	7.60	1.27	1.84	6.30	29.89	609T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

^{b25}Calcium carbonate found.^{b27}Hoof and horn meal and stomach contents present.^{b28}Shrimp meal substituted for fish meal.^{b29}Deficient in peanut meal.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Trinity Cotton Oil Company, Dallas, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			120F
Analysis	43.84	6.78	9.35	27.31	6.33	6.39	299T
Analysis	42.73	6.37	10.50	26.58	7.63	6.19	519T
Turrentine, J. A., Levelland, Texas.							
Turrentine's Chick and Pullet Mash	17.00	3.50	6.00	65.00			184B
Analysis	17.40	3.60	5.58	56.57	10.91	5.94	337S
Turrentine's Egg Mash	18.00	3.50	6.00	47.50			184C
Analysis	19.55	3.03	5.64	52.71	10.94	8.08	336S
Tyler Feed & Seed Company, Tyler, Texas.							
Smith County Special Dairy Feed	20.00	4.50	11.00	50.00			121A
Analysis	21.18	5.06	8.68	47.36	9.65	8.07	80T
Smith County Special Laying Mash	20.00	3.70	7.50	44.00			121B
Analysis ⁶³⁰	19.26	3.77	7.18	53.58	9.66	6.55	481T
Smith County Special Growing Mash	16.50	3.50	7.00	48.80			121E
Analysis	16.15	3.58	5.28	58.16	10.37	6.46	480T
Smith County Hog Feed	17.00	5.00	6.00	51.00			121G
Analysis ⁶³¹	18.83	4.41	5.30	53.83	10.89	6.74	160P
Smith County All-Mash Poultry Ration	15.00	3.50	7.00	50.00			121H
Analysis ⁶³²	17.70	2.91	4.76	59.25	9.35	6.03	30J
Tyrrell Rice Milling Company, Beaumont, Texas.							
Rice Polishings containing Precipitated carbonate of Lime	11.00	6.00	4.00	55.00			2043A
Analysis	11.00	9.99	2.77	49.60	10.54	16.10	327M
Ultra-Life Laboratories, Inc., East Saint Louis, Illinois.							
Ultra-Life Brand Mixing Feed	22.00	6.50	5.50	49.50			1791A
Analysis	22.17	8.28	4.85	43.14	8.72	7.84	315W
Lakotrate Brand Mixing Feed	19.00	4.00	6.00	40.00			1791D
Analysis ⁶³³	24.26	4.94	4.68	49.49	9.31	7.32	1791D
Union Feed Company, San Antonio, Texas.							
Little Boy Blue Laying Mash	20.00	3.70	7.00	45.00			1642A
Analysis ⁶³⁴	20.62	4.73	6.06	47.82	10.50	10.27	104H
Little Boy Blue All-Mash Brooder Mash	16.50	3.80	7.00	51.00			1642F
Analysis	17.58	4.40	4.39	54.60	11.65	7.38	330W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁶³⁰Deficient in ground limestone.⁶³¹Deficient in ground oyster shell.⁶³²Excess of ground oyster shell found.⁶³³Meat and bone scraps and yeast found, not claimed.⁶³⁴Deficient in ground oyster shell.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Union Feed Company, San Antonio, Texas—Cont'd.							
Little Boy Blue Growing Mash	15.50	3.50	5.50	52.00			1642V
Analysis ^a	18.16	4.48	4.61	54.12	11.25	7.38	82W
Little Boy Blue Starter	18.00	3.80	5.00	52.00			1642X
Analysis	17.67	4.25	3.48	55.77	11.20	7.63	537W
Little Boy Blue 24% Protein Dairy Feed	24.00	3.80	10.00	42.00			1642A3
Analysis ^b	20.23	3.26	11.70	45.23	11.88	7.70	53H
Analysis	24.50	4.50	10.53	41.26	11.05	8.16	122H
Analysis	21.89	3.63	11.46	42.96	10.79	9.27	403H
Analysis ^c	21.87	3.40	13.58	43.58	8.91	8.66	463H
Little Boy Blue 18% Protein Dairy Feed	18.00	3.60	15.00	43.40			1642A4
Analysis ^d	18.32	3.21	14.96	46.23	9.98	7.30	248H
Rancho Grande Laying Mash	20.00	3.90	6.50	45.00			1642A8
Analysis ^e	19.20	4.85	5.89	49.69	10.46	9.91	249H
Little Boy Blue 36% Protein Concentrate for Pigs and Hogs	36.00	4.50	8.80	26.00			1642B4
Analysis	30.12	4.92	6.87	29.32	11.31	17.46	255H
Rancho Grande Growing Mash	16.00	3.00	7.80	51.50			1642D8
Analysis ^f	19.85	5.60	6.94	48.36	9.63	9.62	463W
Magnetic Brand Sweet Feed	9.00	1.80	33.00	38.00			1642E5
Analysis ^g	9.30	2.60	26.59	36.95	11.31	13.25	364H
Little Bo-Peep Laying Mash	18.00	3.50	8.00	49.00			1642F5
Analysis ^h	19.86	4.17	6.19	50.87	10.76	8.15	105H
Analysis ⁱ	19.43	6.23	5.85	47.53	10.43	10.53	286H
Little Boy Blue Straight Stuff Dairy Feed	15.00	3.40	14.00	46.00			1642H4
Analysis ^j	15.88	2.77	10.90	51.82	9.24	9.39	9J
Union Oil Mills, Hubbard, Texas.							
43% Protein Cracked Cottonseed Cake	43.00	5.20	12.00	23.00			343E
Analysis	45.06	5.24	10.56	26.27	6.71	6.16	116W
Analysis	43.84	5.55	10.25	25.79	8.33	6.24	372W
43% Protein Cottonseed Meal	43.00	5.20	12.00	23.00			343G
Analysis ^k	40.51	5.56	12.45	27.03	9.08	5.37	21W
Analysis	42.58	6.39	10.37	27.16	7.83	5.67	98W
Analysis	43.71	5.94	9.63	27.03	7.66	6.03	115W
Analysis	43.79	5.84	9.95	26.23	8.29	5.90	214W
Union Starch & Refining Company, Columbus, Indiana.							
Union Corn Gluten Feed	25.00	2.00	8.50	43.00			2139A
Analysis ^a	27.33	3.10	6.75	44.40	10.79	7.63	88W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁶³⁵Linseed meal claimed, not found.⁶³⁶Linseed meal claimed, not found. Rice hulls found, not claimed.⁶³⁷Molasses and peanut hulls found, not claimed.⁶³⁸Rice bran found, not claimed. Ground limestone in excess substituted for ground oyster shell.⁶³⁹Excess of ground oyster shell and salt found.⁶⁴⁰Rice hulls found, not claimed. Excess of salt found.⁶⁴¹Excess of ground oyster shell found.⁶⁴²Milo meal and kafir meal found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Union Starch & Refining Co., Columbus, Indiana—Cont'd.							
Union 41% Protein Corn Gluten Meal	41.00	1.00	5.00	48.00			2139B
Analysis ^a	45.52	.87	3.65	39.79	8.99	1.18	89W
Universal Mills, Fort Worth, Texas.							
Red Chain Three-to-One Dairy Feed	18.00	3.00	11.00	47.00			2635D
Analysis ^a	18.70	3.89	8.95	45.54	11.34	11.58	472T
Red Chain Three-to-One Dairy Feed	18.00	3.50	8.50	45.00			2635D
Analysis	21.31	3.64	9.23	46.47	10.33	9.02	639W
Blue Chain Lay Mash Nuggets	19.00	3.50	8.00	46.00			2635W
Analysis	21.35	3.19	4.42	55.93	9.36	5.75	43J
Red Chain Growing Mash	16.00	3.50	7.50	49.00			2635A5
Analysis	16.50	3.74	6.98	56.07	10.38	6.33	451H
Analysis	17.00	3.72	6.24	55.31	10.28	7.45	172K
Red Chain Chick Starter	18.00	4.00	6.00	52.00			2635B3
Analysis ^a	19.36	4.00	5.46	55.03	9.53	6.62	406T
Analysis ⁶⁴³	19.65	4.21	5.87	53.09	10.29	6.89	169K
Ground Yellow Corn	9.00	3.50	3.00	70.00			2635B7
Analysis	10.14	3.81	2.08	70.66	11.91	1.40	452H
Wheat Gray Shorts and Screenings	17.00	3.50	6.00	55.00			2635C5
Analysis ⁶⁴⁴	18.00	4.51	6.41	54.70	12.18	4.20	220H
Analysis	17.80	3.97	5.79	56.26	12.05	4.13	491M
Analysis	16.68	3.93	5.58	57.29	12.66	3.86	109T
Analysis	17.23	3.92	6.00	57.06	11.29	4.50	570T
Analysis	17.55	4.10	5.89	55.91	12.76	3.79	216W
Red Chain Turkey Starter	24.00	4.00	7.00	45.00			2635D2
Analysis	25.81	3.59	5.50	47.17	9.29	8.64	601W
Yellow Hominy Feed	10.00	6.00	7.00	60.00			2635D6
Analysis	11.09	3.23	2.32	69.68	12.10	1.58	150K
Red Chain Wa-Mo Brand 40% Protein Supplement for Hogs	40.00	4.00	6.50	25.00			2635F5
Analysis	41.96	3.87	5.69	26.28	9.33	12.87	26J
Analysis	41.30	4.25	5.57	30.23	8.88	9.77	277T
Analysis	42.25	4.60	5.21	25.50	9.23	13.21	395W
Red Chain All-Mash Chick Starter	18.00	3.60	6.50	49.00			2635G6
Analysis	18.80	4.25	6.24	53.45	10.16	7.10	455W
Universal Brand 18% Protein Dairy Feed	18.00	3.50	10.00	49.00			2635G8
Analysis ⁶⁴⁵	19.45	3.56	9.21	50.01	9.98	7.79	18T
16% Protein Special Dairy Feed	16.00	3.00	11.00	48.00			2635H2
Analysis ^j	18.34	1.93	8.97	50.26	11.75	8.75	163H
Red Chain All-Purpose Growing Mash	15.00	3.50	8.00	51.00			2635H7
Analysis	16.81	4.22	5.91	55.48	11.02	6.55	498W
Red Chain 36% Protein Lay Mash Supplement	36.00	5.00	5.00	25.00			2635J6
Analysis ⁶⁴⁶	38.15	3.34	4.50	29.08	9.56	15.37	202T
Analysis ^{j646}	38.35	3.85	4.42	30.60	8.89	13.89	141W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁶⁴³Deficient in ground oyster shell.⁶⁴⁴Wheat brown shorts and screenings.⁶⁴⁵Deficient in calcium carbonate.⁶⁴⁶Deficient in ground oyster shell.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in *italics* following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Universal Mills, Fart Worth, Texas—Cont'd.							
Blue Chain Lay Mash	19.00	4.00	7.00	47.00	—	—	2635J9
Analysis	19.24	3.43	6.31	53.50	10.26	7.26	62K
Analysis ^{e47}	19.05	3.10	6.03	53.47	10.72	7.63	69T
Analysis	19.98	3.14	6.00	53.20	10.30	7.38	193T
Analysis ^f	19.30	3.10	6.06	53.42	10.64	7.48	140W
Blue Chain Lay Mash	19.00	3.50	8.00	46.00	—	—	2635J9
Analysis ^{g48}	21.64	2.93	5.04	52.80	10.47	7.12	490M
Analysis	19.06	2.56	4.70	57.42	9.98	6.28	557M
Analysis	19.71	2.94	4.87	55.33	9.27	7.88	627T
Blue Chain 24% Protein Dairy Feed	24.00	4.50	11.00	40.00	—	—	2635K1
Analysis ^{g49}	25.78	4.09	8.96	45.50	9.22	6.45	21J
Red Chain 36% Protein Chick Gromash Supplement	36.00	4.00	4.50	19.00	—	—	2635L4
Analysis ^{g50}	35.21	3.76	5.11	31.59	8.09	16.24	118K
Tri-Pro Cattle Feed	36.00	3.30	6.00	33.50	—	—	2635L6
Analysis ^{d48}	41.61	2.63	5.29	35.08	9.29	6.10	126S
Red Chain 16% Protein Range Feed Nuggets	16.00	3.00	8.00	50.00	—	—	2635M8
Analysis ^{g51}	18.48	3.41	6.84	53.92	9.25	8.10	38K
Analysis	18.54	3.01	6.81	53.50	10.01	8.13	66M
Analysis ^{g52}	18.29	3.25	7.20	54.72	8.84	7.70	103S
Analysis	17.93	3.16	7.92	52.10	11.44	7.45	176T
U. S. Industrial Chemicals, Inc., New York, New York.							
Curbay B-G	19.50	Trace	1.00	56.00	—	—	1520A
Analysis ^a	15.77	.17	.18	49.30	3.91	30.67	231K
Van Alstyne Cotton Oil Company, Van Alstyne, Texas.							
43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00	—	—	428G
Analysis ^a	41.59	5.83	11.39	27.44	7.98	5.77	39T
Analysis ^a	42.02	6.14	10.24	27.38	8.09	6.13	546T
Analysis ^a	42.04	6.52	10.73	26.43	8.29	5.99	616T
Vandover's Feed Store, Pampa, Texas.							
Royal Brand All-Mash Starter and Grower	16.50	3.50	7.00	51.00	—	—	689P
Analysis	17.67	3.95	5.77	53.55	10.63	8.43	361S
Vandover's Best Egg Mash	19.00	3.60	8.00	44.00	—	—	689W
Analysis ^{g53}	20.00	3.78	6.73	49.80	10.52	9.17	110K
Royal Brand Egg Mash	18.00	3.50	7.50	48.00	—	—	689A6
Analysis	21.43	3.63	5.87	51.02	9.64	8.41	40K
Vaughan Feed Store, Hubbard, Texas.							
2-&1 Special Brand Laying Mash	18.00	3.50	4.50	56.00	—	—	287A
Analysis ^{g54}	18.90	3.70	3.28	55.98	11.20	6.94	496W

a, b, c, d, e, f, g, h, i, j, k—See legend at the beginning of this table.

^{44c}Deficient in ground oyster shell.⁴⁴⁷Milo meal found, not claimed.⁴⁴⁸Deficient in ground oyster shell and salt.⁴⁴⁹Milo meal found, not claimed.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Venable Feed and Supply Company, Tyler, Texas.							
Venable's Certified Brand Laying Mash	20.00	3.70	7.50	44.00			390M
Analysis	20.30	2.55	5.93	53.27	10.82	7.13	479T
Venable's Certified Brand 32% Protein Supplement for Swine	32.00	4.00	7.50	30.00			390O
Analysis ⁶⁵⁰	30.38	3.32	6.69	35.21	10.56	13.84	78T
Venable's Certified Brand Laying Mash Pellets	20.00	3.70	7.50	44.00			390T
Analysis	22.77	4.32	7.45	47.69	9.68	8.09	79T
Vernon Cotton Oil Company, Vernon, Texas.							
43% Protein Cottonseed Pellets	43.00	6.00	12.00	23.00			593C
Analysis	42.85	7.71	10.46	24.98	8.07	5.93	237S
Analysis	43.85	7.24	9.07	26.01	7.61	6.22	346S
Analysis	43.45	6.86	10.63	26.10	6.89	6.07	O
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			593H
Analysis	44.11	7.93	9.09	25.47	7.50	5.90	238S
Analysis	43.20	7.13	9.78	27.07	6.63	6.19	347S
Analysis	43.70	6.87	9.45	26.61	6.72	6.65	349S
41.12% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00			593J
Analysis	42.30	7.58	8.85	27.86	6.77	6.64	358T
Waco Cotton Oil Mill, Waco, Texas.							
Panther Brand Mixed Feed	11.70	1.70	36.50	35.00			464A
Analysis ⁶⁵¹	12.51	1.90	36.01	39.47	6.48	3.63	370W
Analysis ⁶⁵²	13.55	2.78	36.09	37.26	5.33	4.99	391W
Cotton Bloom Brand 43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			464F
Analysis ⁶⁵³	43.44	6.32	10.25	26.30	7.69	6.00	56W
Analysis ⁶⁵⁴	41.34	8.73	11.43	25.76	6.97	5.77	62W
Analysis ⁶⁵⁵	42.05	5.93	11.43	27.47	7.17	5.95	139W
Analysis	43.50	5.10	10.99	26.74	7.60	6.07	237W
Analysis	43.50	6.89	10.19	26.91	6.72	5.79	304W
Analysis ⁶⁵⁶	42.10	5.52	10.95	27.98	7.53	5.92	394W
Cotton Bloom Brand 43% Protein Cottonseed Cake	43.00	6.00	12.00	23.00			464G
Analysis ⁶⁵⁷	40.55	5.50	11.94	28.54	8.01	5.46	96W
Analysis	43.44	5.29	10.12	28.00	7.26	5.89	311W
Panther Brand Sweet Feed	9.00	1.40	32.00	41.00			464H
Analysis ⁶⁵⁸	9.30	1.41	28.28	41.09	11.43	8.49	508W
Cotton Bloom Brand 24% Protein Dairy Feed	24.00	4.40	10.50	41.00			464I
Analysis	25.40	4.41	11.89	39.92	10.73	7.65	86W
Cotton Bloom Brand 44% Protein Supplement for Hogs	44.00	6.50	10.00	16.50			464J
Analysis	44.34	7.95	11.60	15.74	7.59	12.78	18W
Analysis	41.05	8.66	10.53	18.06	7.17	14.53	481W
Cotton Bloom Brand Chick Starter	19.00	4.00	5.50	47.00			464K
Analysis	20.30	4.86	5.46	52.27	9.29	7.82	446W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁶⁵⁰Excess of salt found.⁶⁵¹Deficient in ground limestone and salt.⁶⁵²Deficient in ground limestone.⁶⁵³Peanut meal present.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Waco Cotton Oil Mill, Waco, Texas—Continued.							
Cotton Bloom Brand Growing Mash	18.50	4.00	6.50	52.00	—	—	464L
Analysis	19.52	4.14	5.76	53.63	9.64	7.31	456W
Consumers Special Egg Mash	19.00	4.00	7.50	46.00	—	—	464A1
Analysis	20.68	4.46	7.37	48.06	9.47	9.96	188W
Analysis ⁶⁵⁴	20.75	4.88	7.04	48.69	9.58	9.06	573W
43% Protein Peanut Meal	43.00	6.00	12.00	23.00	—	—	464A9
Analysis ⁶	42.41	8.02	17.66	20.68	7.25	3.98	6W
Waco Grain & Seed Company, Waco, Texas.							
Special 21% Protein Dairy Feed	21.00	4.00	11.00	45.00	—	—	510A
Analysis	18.75	4.32	13.98	45.37	9.87	7.71	545W
Walden's Feed and Produce Market, Alvarado, Texas.							
Walden's Egg Mash	20.00	4.00	7.00	45.00	—	—	1535D
Analysis	22.23	4.87	5.51	47.47	10.32	9.60	497W
Waldo Alfalfa Milling Company, Inc., Bryan, Texas.							
Waldo Finely Ground Dehydrated Alfalfa Meal	13.00	1.50	33.00	35.00	—	—	142A
Analysis	13.28	2.08	35.38	33.79	6.28	9.19	481M
Waldo Dehydrated Alfalfa Leaf Meal	20.00	2.50	18.00	40.00	—	—	142B
Analysis ⁶⁵⁵	18.35	3.39	22.70	39.11	5.13	11.32	102H
Analysis	17.50	2.94	18.78	37.27	8.65	14.86	126M
Analysis ⁶⁵⁵	16.18	2.60	26.12	38.59	8.44	8.07	42P
Analysis	23.13	4.34	19.73	34.79	7.48	10.53	571S
Waldo Alfalfa Stem Meal	9.00	0.80	40.00	30.00	—	—	142C
Analysis	11.34	1.68	37.43	33.55	8.46	7.54	480M
Waller Hatchery and Feed Store, Waller, Texas.							
Waller-Maid Broiler Mash	18.00	3.50	6.00	50.00	—	—	2225D
Analysis	21.43	3.69	5.59	51.57	10.28	7.44	390M
Waller-Maid Growing Mash	16.00	3.50	6.00	51.00	—	—	2225E
Analysis	18.75	3.47	5.44	54.36	10.79	7.19	389M
Waller-Maid Laying Mash	20.00	3.50	6.50	46.00	—	—	2225G
Analysis	21.91	4.33	5.66	48.29	10.22	9.59	8M
Ward Milk Products Division of Kraft Cheese Company, Chicago, Illinois.							
Ward's Dried Buttermilk (Feeding)	30.00	5.00	0.00	38.00	—	—	1138A
Analysis	31.19	5.47	.23	38.60	13.15	11.36	302M
Warnken & Sons, A. D., Poth, Texas.							
28% Protein Ground Whole-Pressed Cottonseed	28.00	6.00	23.00	29.00	—	—	2209C
Analysis	29.55	5.86	23.13	28.67	8.31	4.48	8H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁶⁵⁴Deficient in ground oyster shell.⁶⁵⁵Some alfalfa stem meal present.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Warnken & Sons, A. D., Poth, Texas—Continued.							
36% Protein Whole-Pressed Peanuts	36.00	6.00	22.00	20.00	—	—	2209V
Analysis	38.84	9.09	24.52	18.25	5.43	3.87	80H
36% Protein Ground Whole-Pressed Peanuts	36.00	6.00	22.00	20.00	—	—	2209W
Analysis	38.45	8.34	23.61	19.13	6.61	3.86	150H
Analysis ^a	38.05	8.63	23.52	18.99	6.50	4.31	340H
Warrick & Company, J. E., Wellington, Texas.							
Wel-Tex Chick Starter	17.00	3.50	6.00	54.00	—	—	1823M
Analysis	16.69	4.31	4.93	56.33	10.96	6.78	158K
Watson, R., Mart, Texas.							
Chowmix Hog Feed	14.00	3.50	6.00	54.00	—	—	2361A
Analysis	14.68	3.90	3.38	64.29	10.50	3.25	631W
Weatherford Milling Company, Inc., El Reno, Oklahoma.							
Diamond "C" Egg Mash	18.00	4.00	8.00	47.00	—	—	138A
Analysis	19.08	4.13	7.16	52.00	9.85	7.78	128K
Weimar Oil Mill, Inc., Weimar, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	—	—	215C
Analysis ^b	41.71	6.54	9.29	27.94	7.94	6.58	49M
Weinmann Milling Company, J. F., Little Rock, Arkansas.							
Jewel Brand 16% Protein Dairy Feed	16.00	3.00	15.00	40.00	—	—	2407O
Analysis ^{c656}	16.20	4.18	15.94	38.06	10.42	15.20	137P
Weiser's Hatchery & Feeds, Giddings, Texas.							
Weiser's Special Laying Mash	19.00	3.80	6.00	48.00	—	—	99C
Analysis	19.80	4.23	6.55	48.84	11.25	9.33	183M
Weiser's O. K. Brand Growing Mash	16.00	3.60	7.00	50.00	—	—	99E
Analysis ^{c657}	17.90	4.20	6.70	52.86	11.22	7.12	182M
Welch Grain Company, Dalhart, Texas.							
Welch's 18% Protein Laying Mash	18.00	3.50	6.50	47.50	—	—	690N
Analysis	18.67	4.36	4.95	53.07	10.14	8.81	88K
Welch's 16% Protein Dairy Feed	16.00	3.00	9.00	50.00	—	—	690P
Analysis ^b	16.72	2.56	7.29	55.05	9.89	8.49	299K
Welch's 18% Protein Growing Mash	18.00	3.50	6.00	50.50	—	—	690Z
Analysis ^{f658}	18.50	4.30	5.49	53.84	9.70	8.17	244K
43% Protein Cottonseed Cubes	43.00	6.00	12.00	23.00	—	—	690A1
Analysis ^b	40.86	5.44	9.92	26.81	11.57	5.40	259S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁶⁵⁶Excess of ground limestone and salt found.⁶⁵⁷Deficient in ground oyster shell.⁶⁵⁸Deficient in ground limestone.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Welch Grain Company, Dalhart, Texas—Cont'd.							
Welch's 20% Protein Cattle Feed Cubes	20.00	3.00	8.00	50.00			690A7
Analysis ^{65g}	19.56	3.18	5.73	51.05	13.36	7.12	375S
Wendland Grain Company, Temple, Texas.							
E-Ko Egg Laying Mash	20.00	3.50	8.00	45.00			1701T
Analysis	20.88	4.27	7.12	49.36	9.73	8.64	213W
E-Ko All-Mash Baby Chick Starter	16.00	3.80	5.50	50.00			1701Y
Analysis	16.20	5.03	5.85	54.73	10.73	7.46	526W
E-Ko Growing Mash	15.50	3.80	8.00	52.50			1701A1
Analysis ^j	15.78	4.40	7.05	55.94	10.37	6.46	564W
E-Ko 32% Protein Supplement for Pigs and Hogs	32.00	4.00	6.50	31.00			1701B6
Analysis ^{66o}	31.86	5.34	6.09	34.38	8.45	13.88	640W
Happy 10% Protein Sweet Feed	10.00	1.00	17.00	47.50			1701B8
Analysis	12.10	2.75	11.49	48.47	11.89	13.35	559W
Bellco Milo Meal	10.00	2.50	3.00	70.00			1701C1
Analysis ^{d, b66i}	11.60	2.79	2.03	70.41	11.72	1.45	159W
Bellco Hegari Meal	10.00	2.50	3.00	70.00			1701C2
Analysis ^{d, b66i}	10.54	2.76	1.97	71.55	11.96	1.22	158W
West Cotton Oil Mill, West, Texas.							
Panther Brand Mixed Feed	11.70	1.70	36.50	35.00			447A
Analysis ^{66z}	11.70	1.86	33.92	36.99	10.62	4.91	355W
15.50% Protein Mixed Feed	15.50	2.30	34.00	32.00			447D
Analysis ^{66z}	13.43	2.92	32.44	34.94	9.17	7.10	385W
Cotton Bloom Brand 43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			447E
Analysis	42.75	5.53	10.99	27.92	6.83	5.98	124W
Analysis ^c	41.96	5.80	11.43	28.12	6.84	5.85	132W
Analysis ^e	42.62	5.92	10.72	27.38	7.37	5.99	220W
Analysis ^e	42.14	5.70	11.32	28.49	6.38	5.97	226W
Analysis ^e	43.65	6.06	10.19	26.10	7.87	6.13	227W
Analysis ^e	42.49	5.85	12.00	27.11	6.68	5.87	230W
Analysis ^e	41.93	5.72	10.78	28.40	7.36	5.81	379W
Analysis	42.79	6.74	10.40	27.22	6.88	5.97	380W
Analysis	43.74	6.11	10.62	26.09	7.36	6.08	387W
Analysis	43.32	5.82	9.81	27.13	7.90	6.02	501W
Cotton Bloom Brand 43% Protein Cottonseed Cake	43.00	6.00	12.00	23.00			447F
Analysis	43.08	6.46	10.92	26.58	6.94	6.02	136W
Cotton Bloom Brand Chick Starter	19.00	4.00	5.50	52.00			447G
Analysis	19.67	4.31	4.82	52.80	10.34	8.06	586W
Cotton Bloom Brand Growing Mash	18.50	4.00	5.50	53.00			447I
Analysis ⁶⁶⁴	18.96	4.39	5.22	53.17	11.20	7.06	589W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

^{65o}Special steamed bone meal claimed, not found.^{66o}Excess of ground oyster shell found.⁶⁶ⁱDefaced tags attached.^{66z}Deficient in ground oyster shell and salt.⁶⁶³Deficient in salt and excess of ground oyster shell.⁶⁶⁴Deficient in ground oyster shell.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
West Cotton Oil Mill,						
West, Texas—Continued.						
Cotton Bloom Brand Laying						
Mash	19.00	4.00	7.50	46.00		447M
Analysis	19.90	4.54	6.37	50.03	9.59	30W
Analysis	18.65	4.55	6.29	51.98	10.20	386W
Panther Brand Laying Mash	18.00	4.00	6.50	56.00		447N
Analysis ⁶⁶⁴	16.90	3.61	6.27	53.97	11.77	231W
Analysis	17.79	3.67	5.51	53.83	10.89	506W
West Flour Mill,						
West, Texas.						
Economy Brand Laying Mash	18.00	3.50	6.50	47.50		935B
Analysis	16.91	4.07	5.75	54.77	10.63	43W
Economy Brand Ear Corn Chop						
with Husk	8.00	3.00	10.00	65.00		935D
Analysis	6.96	3.04	11.46	66.05	10.56	41P
Economy Brand Starting Mash	19.00	3.80	5.50	50.00		935H
Analysis	18.45	3.30	4.27	56.95	10.77	510W
Economy Brand Growing Mash	17.00	3.60	6.50	50.50		935I
Analysis ^a	18.31	3.42	3.85	57.24	10.65	594W
Economy Brand Sweet Feed	9.00	1.20	37.00	35.50		935L
Analysis ⁶⁶⁴	5.93	1.23	39.91	34.92	11.87	63P
Analysis ⁶⁶⁵	6.01	1.10	37.33	34.24	13.67	233W
Wes-Tex Grain & Milling Com- pany, Inc.,						
Plainview, Texas.						
Whole Barley Chop	11.00	1.50	6.00	65.00		2425J
Analysis ⁶⁶⁶	13.12	2.02	6.51	66.05	8.52	64K
Wes-Tex 31% Protein Supple- ment for Pigs and Hogs	31.00	4.00	10.50	32.00		2425K
Analysis ⁶⁶⁷	29.39	5.35	8.72	35.78	8.50	152K
Analysis ⁶⁶⁸	30.12	4.35	9.06	36.68	8.37	295K
Wes-Tex All-Mash Baby Chick						
Starter	18.00	3.70	6.00	53.00		2425A1
Analysis	19.19	4.38	5.22	53.63	10.18	153K
Analysis	19.63	4.43	5.02	53.53	10.14	344S
New Deal Brand All-Purpose						
Mash	19.00	3.50	5.50	49.00		2425A4
Analysis	19.37	3.96	5.28	53.16	8.93	72K
Analysis	19.82	3.86	5.30	49.85	11.26	233S
New Deal Brand Special Mixed						
Feed	12.00	1.60	15.50	49.00		2425A8
Analysis ⁶⁶⁹	12.90	2.24	14.16	51.39	9.66	177K
Wes-Tex Laying Mash	20.00	3.50	7.00	46.00		2425A9
Analysis ⁶⁷⁰	20.40	4.13	5.48	51.68	8.60	294K
Analysis	20.05	4.34	5.76	50.64	9.87	234S
Wes-Tex Growing Mash with						
Cod Liver Oil	18.00	3.50	6.00	52.00		2425B2
Analysis ⁶⁷⁰	18.30	3.96	5.40	56.63	8.79	223K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁶⁶⁴Deficient in ground oyster shell.⁶⁶⁵Deficient in ground oyster shell and salt.⁶⁶⁶Ground whole oats and ground wheat present.⁶⁶⁷Deficient in salt. Calcium carbonate found, not claimed.⁶⁶⁸Ground whole barley found, not claimed.⁶⁶⁹Deficient in ground limestone.⁶⁷⁰Fish meal and linseed meal claimed, not found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
West Texas Cottonoil Co., Abilene, Texas.							
Paymaster Brand 43% Protein							
Cottonseed Cake	43.00	6.00	12.00	23.00			1417B
Analysis	43.70	5.57	10.34	27.30	6.81	6.28	331S
Analysis ^a	42.77	5.10	11.54	26.97	7.54	6.08	261W
Paymaster Brand 43% Protein							
Cottonseed Cake	43.00	5.00	12.00	25.00			1417B
Analysis	43.75	5.45	11.96	25.15	7.76	5.93	446S
Paymaster Brand 43% Protein							
Cottonseed Meal	43.00	6.00	12.00	23.00			1417D
Analysis	43.07	6.25	10.31	25.81	6.99	5.57	71S
Analysis	42.95	7.25	11.66	24.88	7.82	5.44	72S
Analysis	43.55	7.04	10.35	26.49	7.78	4.79	148S
Analysis	43.20	7.20	11.71	24.57	7.69	5.63	152S
Analysis ^c	42.13	5.63	11.40	28.06	6.67	6.11	320S
Analysis ^c	43.72	5.42	11.65	26.00	6.83	6.38	327S
Paymaster Brand 43% Protein							
Cottonseed Meal	43.00	5.00	12.00	25.00			1417D
Analysis	42.61	5.27	12.30	27.03	6.85	5.94	445S
Analysis	43.48	6.80	11.62	24.75	7.67	5.68	503S
Analysis ^{c671}	40.02	5.78	14.08	26.96	7.45	5.71	375T
Analysis ^{f6071}	41.75	5.62	13.50	25.63	7.84	5.66	491T
Analysis	42.75	6.67	12.08	25.67	6.66	6.17	422W
Paymaster Brand 43% Protein							
Peanut Meal	43.00	6.00	12.00	23.00			1417H
Analysis ^c	41.88	6.73	16.02	21.09	7.89	6.39	209K
Analysis ^c	41.58	7.82	16.66	20.40	7.54	6.00	70S
Analysis ^c	42.40	7.00	15.38	21.57	7.90	5.75	379T
Analysis ⁶⁷²	43.13	7.83	14.39	21.64	8.47	4.54	552T
Analysis ^c	41.61	5.02	17.65	22.84	7.61	5.27	630T
Analysis ^c	42.41	7.58	16.31	21.73	7.64	4.33	310W
Paymaster Brand 43% Protein							
Cottonseed Pellets	43.00	6.00	12.00	23.00			1417K
Analysis ^c	42.35	7.55	10.60	26.40	6.99	6.11	321S
Analysis ^c	41.89	7.43	11.09	26.51	6.90	6.18	279W
Paymaster Brand 43% Protein							
Cottonseed Pellets	43.00	5.00	12.00	25.00			1417K
Analysis	43.36	6.42	11.82	25.81	6.85	5.74	444S
West Texas Cottonoil Co., Ballinger, Texas.							
Paymaster Brand 43% Protein							
Cottonseed Pellets	43.00	6.00	12.00	23.00			327B
Analysis ^{c673}	40.40	5.85	13.55	26.35	8.41	5.44	122S
Analysis ^b	41.59	6.25	12.54	27.40	6.75	5.47	123S
Analysis	43.81	5.81	11.90	26.29	6.70	5.49	208S
Analysis	42.66	6.12	12.12	26.70	7.05	5.35	210S
Analysis	42.94	5.84	11.80	27.37	6.66	5.39	211S
Analysis	43.53	5.74	11.13	26.27	7.98	5.35	325S
Analysis ⁶⁷³	42.62	5.95	13.12	26.17	6.13	6.01	332S
Analysis ^c	40.79	4.91	11.06	28.72	9.28	5.24	267W
Analysis	44.39	5.69	10.54	25.96	7.56	5.86	276W
Analysis	42.85	6.11	11.98	26.71	6.95	5.40	277W
Analysis ^a	43.00	5.90	11.48	26.09	7.94	5.59	280W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁶⁷¹Excess cottonseed hulls present.⁶⁷²Cottonseed meal present.⁶⁷³Excess cottonseed hulls present.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
West Texas Cottonoil Co., Ballinger, Texas.—Cont'd.							
Paymaster Brand 43% Protein							
Cottonseed Pellets	43.00	5.00	12.00	25.00			327B
Analysis	43.10	6.18	12.48	25.79	6.61	5.84	442S
Paymaster Brand 43% Protein							
Cottonseed Meal	43.00	6.00	12.00	23.00			327F
Analysis ^{gts}	40.80	8.17	13.39	26.72	5.73	5.19	209S
Analysis ^{gts}	41.02	5.70	14.48	27.73	5.62	5.45	330S
Analysis	43.07	7.72	11.34	26.18	5.87	5.82	264W
Analysis ^{gts}	41.03	5.19	14.01	28.76	5.83	5.18	266W
Paymaster Brand 43% Protein							
Cottonseed Meal	43.00	5.00	12.00	25.00			327F
Analysis ^{gts}	40.15	5.39	14.29	28.44	6.08	5.65	435S
Analysis ^{gts}	40.65	5.46	14.32	27.31	6.78	5.48	440S
Analysis ^{gts}	41.56	6.21	12.59	28.07	5.98	5.59	441S
Analysis ^{gts}	42.28	6.92	11.68	26.33	6.47	6.32	419W
Paymaster Brand 43% Protein							
Cottonseed Cake	43.00	6.00	12.00	23.00			327G
Analysis ^{gts}	40.18	4.65	15.22	27.77	6.98	5.20	121S
Analysis ^{gts}	40.65	8.69	13.46	26.46	5.37	5.37	124S
Analysis	44.35	4.91	11.84	27.59	5.74	5.57	125S
Analysis	43.52	5.95	12.37	27.65	4.96	5.55	215S
Analysis ^{gts}	42.35	5.29	13.21	27.98	5.56	5.61	329S
Paymaster Brand 43% Protein							
Cottonseed Cake	43.00	5.00	12.00	25.00			327G
Analysis ^{gts}	40.28	5.32	14.86	27.61	6.40	5.53	443S
West Texas Cottonoil Co., Brownfield, Texas.							
Paymaster Brand 43% Protein							
Cottonseed Meal	43.00	5.20	12.00	25.00			505A
Analysis	42.97	5.20	10.58	27.86	8.26	5.13	128S
Analysis ^{gts}	42.91	6.59	9.75	29.08	5.36	6.31	273S
Paymaster Brand 43% Protein							
Cottonseed Meal	43.00	5.00	12.00	25.00			505A
Analysis ^{gts}	41.20	5.71	10.60	29.76	5.80	6.93	196K
Analysis ^{gts}	40.47	5.43	10.06	31.12	6.07	6.85	208K
Analysis ^{gts}	42.46	5.72	10.63	31.04	3.34	6.81	392S
Paymaster Brand 43% Protein							
Soybean Oil Meal	43.00	4.50	6.00	28.00			505G
Analysis	44.37	4.80	5.70	33.20	5.47	6.46	230K
Analysis	44.28	4.65	5.45	33.26	5.94	6.42	588S
West Texas Cottonoil Co., Littlefield, Texas.							
Paymaster Brand 43% Protein							
Cottonseed Meal	43.00	6.00	12.00	23.00			1643B
Analysis ^{gts}	43.83	6.93	8.49	28.29	6.01	6.45	335S
Paymaster Brand 43% Protein							
Cottonseed Meal	43.00	5.00	12.00	25.00			1643B
Analysis ^{gts}	41.77	6.61	9.23	29.71	6.05	6.63	283K
Analysis ^{gts}	41.46	6.40	9.63	29.97	6.00	6.54	284K
Analysis ^{gts}	42.00	6.80	9.01	30.02	5.59	6.58	458S
West Texas Cottonoil Co., Munday, Texas.							
Paymaster Brand 43% Protein							
Cottonseed Meal	43.00	6.00	12.00	23.00			151A
Analysis ^{gts}	41.08	8.95	11.35	26.06	6.72	5.84	135S
Analysis ^{gts}	40.00	8.61	11.95	27.23	6.48	5.73	136S
Paymaster Brand 43% Protein							
Cottonseed Cake	43.00	5.00	12.00	25.00			151B
Analysis ^{gts}	41.98	5.86	12.02	26.45	7.62	6.07	437S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.
²⁷³Excess cottonseed hulls present.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash
West Texas Cottonoil Co., Plainview, Texas.						
Paymaster Brand 43% Protein						
Cottonseed Meal	43.00	6.00	12.00	23.00		1148A
Analysis	43.45	6.62	10.30	26.79	7.76	50K
Analysis ^e	40.88	9.48	9.80	27.53	6.78	130S
Analysis ^e	42.16	7.56	8.78	29.78	5.30	232S
Analysis ^e	38.50	5.99	11.99	31.63	5.87	235S
West Texas Cottonoil Co., San Angelo, Texas.						
Paymaster Brand Angelo Mixed Feed	11.80	1.70	38.00	36.00		843E
Analysis	11.17	1.75	38.61	38.10	6.84	642S
Paymaster Brand 43% Protein						
Cottonseed Meal	43.00	6.00	12.00	23.00		843F
Analysis ^{674b,c}	41.75	6.21	13.95	27.05	5.67	114S
Analysis ^{674c}	41.32	9.18	13.24	25.87	4.84	202S
Analysis	44.32	6.42	12.25	26.71	4.59	203S
Analysis	42.86	6.83	11.75	27.22	5.83	307S
Analysis	45.05	7.30	11.48	25.36	5.61	316S
Paymaster Brand 43% Protein						
Cottonseed Cake	43.00	6.00	12.00	23.00		843G
Analysis	47.23	6.12	10.39	23.86	6.90	107S
Analysis	44.46	5.66	12.25	24.23	7.79	119S
Analysis	45.70	6.04	10.97	25.65	5.96	189S
Analysis	44.83	5.47	12.15	25.90	6.01	190S
Analysis	43.45	5.80	10.95	26.90	6.67	324S
Paymaster Brand 43% Protein						
Cottonseed Pellets	43.00	6.00	12.00	23.00		843N
Analysis ^{674f}	40.92	5.52	14.12	27.71	6.63	106S
Analysis ⁶⁷⁵	45.33	7.39	11.12	24.84	5.85	187S
Analysis	43.42	6.51	11.38	27.15	5.98	188S
Analysis	44.05	7.19	11.57	25.61	6.37	201S
Analysis ^{674g}	42.33	5.95	12.81	26.39	7.10	213S
Analysis	42.60	5.76	11.63	27.37	7.30	216S
Analysis ⁶⁷⁴	43.17	5.78	13.07	26.61	5.92	322S
Analysis ^{674g}	42.09	6.43	13.86	25.99	6.00	323S
Paymaster Brand 20% Protein						
Feed Pellets	20.00	3.40	15.00	46.00		843S
Analysis	24.13	3.51	14.89	43.37	9.13	118S
43% Protein Peanut Meal	43.00	6.00	12.00	23.00		843A1
Analysis	43.62	7.21	13.89	21.34	7.34	195S
West Texas Cottonoil Co., Shamrock, Texas.						
Paymaster Brand 43% Protein						
Cottonseed Meal	43.00	6.00	12.00	23.00		1758E
Analysis ^e	42.44	6.45	9.30	28.29	7.36	247S
Analysis ^e	41.67	7.49	9.37	28.26	7.07	263S
Paymaster Brand 43% Protein						
Cottonseed Meal	43.00	5.00	12.00	25.00		1758E
Analysis ^e	41.96	6.92	8.75	28.82	7.42	263K
Analysis ⁶	42.00	7.35	8.18	28.86	7.03	363S
Paymaster Brand 28% Protein						
Ground Whole-Pressed Cot- tonseed	28.00	5.00	23.00	29.00		1758K
Analysis ^e	24.49	5.64	20.05	38.12	7.18	116K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁶⁷⁴Excess cottonseed hulls present.⁶⁷⁵Off quality.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
West Texas Cottonoil Co., Shamrock, Texas—Cont'd.							
Paymaster Brand 43% Protein Coarsely Ground Cottonseed Meal	43.00	6.00	12.00	23.00	—	—	1758L
Analysis ⁶⁷⁶	40.89	7.38	10.50	28.70	6.58	5.95	250S
Analysis ⁶⁷⁷	43.64	7.73	9.99	25.74	6.73	6.17	365S
Paymaster Brand 43% Protein Coarsely Ground Cottonseed Meal	43.00	5.00	12.00	25.00	—	—	1758L
Analysis ⁶	42.10	7.22	8.66	29.23	6.64	6.15	102K
Analysis ⁶	41.18	6.96	9.27	28.55	7.68	6.36	259K
Analysis ⁶	42.90	7.22	8.13	29.30	5.91	6.54	301K
West Texas Cottonoil Co., Slaton, Texas.							
Paymaster Brand 43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	—	—	1118B
Analysis ⁶	43.28	5.47	9.14	29.02	6.79	6.30	271S
Paymaster Brand 43% Protein Cottonseed Meal	43.00	5.00	12.00	25.00	—	—	1118B
Analysis ⁶	42.20	5.73	9.38	30.07	6.09	6.53	455S
West Texas Feed & Seed Com- pany, Lubbock, Texas.							
West Texas Dairy Feed	16.00	3.00	15.00	42.00	—	—	2141L
Analysis	17.81	2.99	10.58	50.90	8.40	9.32	186K
Big Chief Brand Laying Mash	19.00	3.50	6.00	49.00	—	—	2141O
Analysis	20.11	3.94	6.31	49.95	10.91	8.78	270S
Big Chief Brand Growing Mash	19.00	3.60	6.50	49.00	—	—	2141Q
Analysis	20.14	3.48	5.89	53.48	9.17	7.84	457S
West Texas Rendering Plant, Wichita Falls, Texas.							
50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00	—	—	2179A
Analysis ⁶	48.71	8.54	2.21	1.55	4.83	34.16	531T
Western Condensing Company, San Francisco, California, and Branches.							
Peebles Dried Whey	12.00	0.50	0.10	65.00	—	—	258A
Analysis	11.81	.66	.11	70.18	7.41	9.83	77K
Analysis	12.20	.70	.10	69.89	6.45	10.66	236K
Whaley Mill & Elevator Com- pany, Gainesville, Texas.							
Wheat Gray Shorts and Screen- ings	16.50	4.00	6.00	55.00	—	—	151
Analysis ⁶⁷⁸	17.95	4.21	7.34	53.95	11.90	4.65	81P
Analysis ⁶⁷⁹	17.10	4.25	7.80	55.48	10.24	5.13	110P
Analysis ⁶⁷⁸	17.40	4.22	7.31	54.49	11.84	4.74	136P
Analysis	16.60	4.02	6.20	57.94	11.01	4.23	175P
Analysis ⁶⁷⁸	16.70	3.84	6.82	55.84	12.09	4.71	90T
Analysis ⁶⁷⁸	17.44	3.95	6.85	55.98	10.79	4.99	296T
Analysis ⁶⁷⁸	17.36	4.84	6.45	55.62	11.18	4.55	429T
Analysis	17.02	4.05	5.65	58.06	11.20	4.02	485T
Analysis	17.04	3.58	5.49	58.70	11.21	3.98	574T
Analysis	18.60	4.03	5.74	55.44	11.90	4.29	642T
Analysis ⁶⁷⁸	17.40	4.52	7.17	55.64	10.38	4.89	204W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁶⁷⁶Amount returned to manufacturer replaced with 43% protein cottonseed meal.⁶⁷⁷Off quality.⁶⁷⁸Wheat brown shorts and screenings.⁶⁷⁹Wheat mixed feed and screenings.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Whaley Mill & Elevator Com- pany, Gainesville, Texas—Cont'd.							
Ground Whole Oats	11.00	4.00	12.00	58.00			15Q
Analysis	11.40	4.61	11.33	58.15	10.76	3.75	120P
Whaley's Egg Mash	18.00	3.50	7.00	48.00			15R
Analysis	20.26	4.25	4.89	50.55	10.23	9.82	195T
Whaley's Laying Mash	18.20	3.50	6.00	48.00			15V
Analysis	19.64	4.40	5.93	50.79	10.65	8.59	196T
Whaley's Dairy Feed	18.00	3.90	10.00	48.00			15Y
Analysis	19.35	5.36	7.19	51.94	10.22	5.94	101T
Wheeler Cotton Oil Company, Inc., Wheeler, Texas.							
28% Protein Ground Whole- Pressed Cottonseed	28.00	4.00	23.00	29.00			1872E
Analysis ^b	23.84	9.77	22.24	33.90	5.77	4.48	264S
White Grain Company, Lamesa, Texas.							
White's Quality Brand Laying Mash	18.00	3.50	6.50	48.00			1934G
Analysis	19.20	4.09	5.82	51.72	10.27	8.90	277S
White's Quality Brand Chick Starter	17.00	3.50	7.00	51.00			1934J
Analysis	16.57	4.08	5.74	56.02	9.93	7.66	474S
Whitewater Flour Mills Com- pany, The, Whitewater, Kansas.							
Wheat Gray Shorts and Screen- ings	16.00	3.50	6.00	55.00			2292B
Analysis ^k	15.67	3.44	5.53	60.58	11.27	3.51	134P
Whyte Feed Mills, Pine Bluff, Arkansas.							
Big-Flow Brand Dairy Feed	20.00	3.00	15.00	37.00			1096X
Analysis ^d	20.30	2.23	17.53	39.91	10.91	9.07	64T
Muleshoe Sweet Mixed Feed	11.00	2.00	14.00	50.00			1096B7
Analysis ^e	7.11	1.83	20.27	43.62	11.65	10.52	90P
Analysis ^e	6.66	1.64	20.27	43.89	11.67	10.87	94P
Analysis ^e	10.81	2.56	13.53	55.76	10.76	6.58	555T
Special Horseshoe Egg Mash	18.00	3.50	8.00	43.00			1096C3
Analysis ^e	19.49	7.61	12.53	34.36	8.64	17.37	125P
Wichita Falls Cotton Oil Com- pany, Wichita Falls, Texas.							
43% Protein Cottonseed Meal	43.00	5.20	12.00	23.00			644C
Analysis	43.62	5.74	8.74	27.85	7.28	6.77	15T
Analysis	42.74	7.34	10.38	27.12	6.38	6.04	158T
Analysis ^e	40.46	8.87	11.94	25.88	6.93	5.92	184T
Wichita Feed Store, Wichita Falls, Texas.							
Wichita's Best Brand All- Mash Chick Starter with Cod Liver Oil	14.00	3.50	6.50	53.00			707F
Analysis	18.76	4.46	5.29	52.19	11.45	7.85	354T
Analysis	16.41	4.59	6.22	54.94	9.77	8.07	423T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

^eGround whole oats and corn chop found, not claimed.^eDeficient in ground oyster shell and salt.^eExcess of ground oyster shell and salt.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

* (The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Wichita Feed Store, Wichita Falls, Texas— Continued.							
Wichita's Special Brand 24% Protein Cow Feed	24.00	3.60	15.00	41.00			707M
Analysis ⁶⁸³	24.16	3.79	11.60	40.06	9.07	11.32	17T
Wichita's Best Brand Egg Mash	18.00	3.50	8.00	45.00			707P
Analysis	17.75	4.40	6.81	51.80	10.10	9.14	536T
Wilbur-Ellis Company, San Francisco, California.							
Farallone 68% Protein Vacuum-Dried Fish Meal	68.00	3.00	1.00	4.00			697B
Analysis ⁶⁸⁴	62.08	5.93	.74	.81	8.54	21.90	417M
Lighthouse Brand 68% Protein Sardine Meal	68.00	5.00	1.00	1.00			697D
Analysis ^a	71.92	4.09	.25	5.06	5.70	12.98	90S
Analysis	70.76	3.15	.46	4.23	6.48	14.92	445W
65% Protein Sardine Meal	65.00	3.00	1.00	0.00			697F
Analysis ^b	64.01	5.23	.46	2.50	7.60	20.20	288T
Analysis	64.75	7.09	1.15	5.59	7.50	13.92	7W
Lighthouse Brand 68% Protein Steam-Dried Fish Meal	68.00	4.00	1.00	0.00			697N
Analysis	70.64	2.82	.31	5.88	7.02	13.33	399M
Analysis	68.37	2.81	.26	4.42	9.16	14.98	539M
Wilkinson Milling Company, Coleman, Texas.							
Happy Hen Brand Laying Mash	19.00	3.50	8.00	48.50			434C
Analysis	15.55	3.33	5.93	56.80	10.06	8.33	410W
Mixed Feed	13.00	1.50	3.30	30.00			434G
Analysis	14.84	3.04	4.25	63.74	11.08	3.05	260W
Williamson Feed & Drug Store, Kennedale, Texas.							
Dairy Feed	15.00	3.00	13.00	55.00			1690A
Analysis	14.85	3.53	10.75	53.57	11.19	6.11	228T
Laying Mash	18.00	3.60	8.00	51.00			1690B
Analysis	17.21	5.18	8.20	51.71	10.60	7.10	229T
Williamson Feed & Hatchery, Graham, Texas.							
Our Special Chick Starter	17.50	3.50	6.00	51.00			890G
Analysis	17.60	4.40	4.19	56.84	9.83	7.14	273T
Our Special Egg Mash	18.00	3.60	6.50	47.50			890I
Analysis	18.20	4.62	5.95	51.73	10.87	8.63	157T
Wilson & Company, Inc., Oklahoma City, Oklahoma.							
Red "W" Brand 50% Protein Feeding Tankage with Bone	50.00	6.00	3.00	0.00			2399E
Analysis ^a	51.19	10.34	1.29	.06	7.05	30.07	268K
Analysis	50.10	10.27	2.05	2.94	5.59	29.05	418T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁶⁸³Corn chop, milo chop, ground whole oats, and ground whole barley found, not claimed.⁶⁸⁴Used by dealer in mixed feed. Wrong tags furnished by distributor. Price adjusted.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941,
(to August 31, 1942—Continued)

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Wilson Grain & Elevator Com- pany, Coleman, Texas.							
Wilson's Chick Growing Mash	20.00	3.60	6.00	44.00			1033G
Analysis	21.60	3.98	5.35	49.04	10.96	9.07	514S
Wilson's Turkey Starter and Grower	21.50	3.60	6.00	43.00			1033H
Analysis ⁶⁸⁵	21.11	4.71	6.88	47.09	9.40	10.81	570S
Wilson Grocery, Ray, Cooper, Texas.							
Laying Mash	18.00	3.60	7.50	49.00			1773A
Analysis	19.26	4.30	6.67	52.67	10.05	7.05	565T
Wingo Oil Mill, Wills Point, Texas.							
43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00			1620A
Analysis	45.50	10.86	8.09	24.60	5.18	5.77	37P
Wingo & Son, C. E., Sulphur Springs, Texas.							
Hopco Starting Mash	17.50	3.60	6.00	51.00			1130G
Analysis	20.32	4.43	5.73	50.97	10.34	8.21	451T
Hopco Growing Mash	16.00	3.50	6.50	50.00			1130H
Analysis	19.97	4.12	5.13	51.71	10.87	8.20	566T
Winters Hatchery & Produce Company, Winters, Texas.							
Kirkham's Growing Mash	16.00	3.70	6.50	57.00			2507A
Analysis	15.95	4.80	5.44	57.26	10.91	5.64	572S
Kirkham's Chick Mash	18.00	4.00	7.00	53.00			2507B
Analysis ⁶⁸⁶	17.51	4.79	6.71	54.45	10.60	5.94	518S
Kirkham's Egg Mash	18.00	3.70	7.00	54.00			2507C
Analysis	18.52	4.91	5.70	54.16	10.69	6.02	573S
Witt Milling Company, Plainview, Texas.							
Kafir Head Chop	8.50	2.50	8.00	65.00			2577B
Analysis	9.36	2.12	5.75	68.35	9.37	5.05	233K
Witting, Gus. A., San Antonio, Texas.							
36% Protein Whole-Pressed Peanuts	36.00	6.00	22.00	20.00			27B
Analysis	37.19	7.84	16.37	24.14	7.31	7.15	27B
Woco Feed Mill, Mineola, Texas.							
Woco 7 Laying Mash	18.00	3.50	7.50	51.00			313D
Analysis	18.69	3.56	7.77	50.69	10.24	9.05	89T
Woco Special Hereford Feed	13.00	3.00	9.00	59.00			313E
Analysis	13.92	3.71	8.31	60.34	10.50	3.22	39P
Woco Dairy Feed	18.00	3.40	13.50	43.00			313F
Analysis ⁶⁸⁷	19.06	3.91	12.46	46.29	8.77	9.51	40P
Analysis	20.30	4.16	11.08	44.19	10.14	10.13	470T
Woco Chick Starter	18.00	3.70	6.50	53.00			313L
Analysis	19.64	4.56	6.08	51.55	10.93	7.24	471T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁶⁸⁵Excess of ground limestone found.⁶⁸⁶Deficient in ground limestone.⁶⁸⁷Deficient in ground limestone.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Woerner's Warehouse, Fredericksburg, Texas.							
Woerner Mixed Cow Feed	19.00	4.00	11.00	48.00			2460E
Analysis	19.10	4.66	10.15	50.25	10.57	5.27	261H
Wolf Feed and Coal, Frank, Wichita Falls, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00			1533B
Analysis ^a	7.67	3.45	9.25	67.02	10.70	1.91	539T
Womble Oil Mill Company, Caldwell, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			42C
Analysis	43.46	6.74	8.80	26.96	7.50	6.54	218M
43% Protein Nut-Size Cottonseed Cake	43.00	6.00	12.00	23.00			42D
Analysis	45.01	6.57	7.07	26.36	8.23	6.76	219M
Wood County Cotton Oil Company, Mineola, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			1751E
Analysis ^a	41.55	7.20	9.65	27.19	8.19	6.22	38P
Analysis	43.54	7.60	8.30	24.61	9.61	6.34	75P
Analysis ^a	41.87	7.17	9.72	26.75	8.22	6.27	140P
Wood Feed Mill, Madisonville, Texas.							
Our-Own Brand Laying Mash	19.00	3.60	7.00	43.50			1045C
Analysis	18.20	5.44	7.09	47.22	10.27	11.78	124M
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00			1045D
Analysis	7.04	3.88	10.15	65.60	12.00	1.33	215M
Our-Own Brand Growing Mash	17.00	3.50	6.00	51.00			1045E
Analysis	16.93	4.35	6.28	54.51	9.69	8.24	392M
Woodruff's Hatchery & Feed Store, San Angelo, Texas.							
Woodruff's Best Cow Feed	20.00	3.40	18.00	41.00			1486D
Analysis ⁶⁸⁸	20.24	3.68	16.74	41.72	9.67	7.95	34S
Lay-Gold Brand Laying Mash	19.00	3.50	5.00	47.50			1486G
Analysis	19.94	3.69	5.96	51.99	9.88	8.54	218S
Farmer's Pride Brand Growing Mash	16.00	3.50	6.50	55.00			1486I
Analysis	17.71	3.55	5.13	58.72	9.66	5.23	433S
Woods Feed Store, Midland, Texas.							
Best-Yet Brand Growing Mash	15.00	3.50	5.50	56.00			2487E
Analysis ⁶⁸⁹	16.20	3.80	3.68	62.04	9.64	4.64	399S
Best-Yet Brand Laying Mash	18.00	3.50	7.00	51.00			2487F
Analysis	19.45	3.81	3.24	56.62	9.75	7.13	400S
Best-Yet Brand Dairy Feed	15.00	3.00	13.50	51.50			2487H
Analysis	19.15	3.93	10.88	50.93	10.47	4.64	478S
Best-Yet Brand All-Mash Poultry Ration	15.70	3.50	5.70	58.40			2487J
Analysis	15.90	3.61	4.06	62.90	9.92	3.61	546S

^a a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.⁶⁸⁸ Deficient in ground oyster shell and excess of salt found.⁶⁸⁹ Deficient in ground limestone.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Yoakum Gin & Feed Company, Yoakum, Texas.							
Yoakumix Chick Starting Mash	18.00	3.70	6.50	49.00			1365D
Analysis	22.75	4.40	5.58	47.71	10.63	8.93	415H
Yoakumix Lay Mash	20.00	3.80	6.50	46.30			1365E
Analysis	21.53	4.43	5.40	48.71	9.88	10.05	480H
Economy Brand Laying Mash	20.00	3.50	7.00	50.00			1365F
Analysis ⁶⁹⁰	13.86	4.29	4.51	55.11	11.34	5.89	129H
Analysis ⁶⁹⁰	20.70	3.98	4.30	53.86	10.93	6.23	284H
Yoakumix Grow Mash	16.00	3.50	6.00	51.00			1365J
Analysis	18.30	3.97	5.33	53.08	11.01	8.31	416H
Yoakumix Broiler Mash	17.00	3.50	5.50	54.00			1365M
Analysis	20.20	3.94	4.90	52.07	10.92	7.97	285H
Yorktown Cotton Oil & Manufacturing Company, Yorktown, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			363E
Analysis	42.63	6.17	10.91	25.04	9.61	5.64	68H
Analysis	43.20	6.34	10.72	25.63	8.77	5.34	210H
Young, L. D., Jonesboro, Texas.							
Lovena Laying Mash	18.00	3.50	7.00	49.00			687A
Analysis	18.88	4.79	8.69	48.21	9.46	9.97	59W
45% Protein Supplement for Fattening Hogs	45.00	4.50	9.00	18.00			687H
Analysis	40.32	5.03	9.90	18.59	8.87	17.29	151W
Lovena Double LL Egg Mash	18.00	3.50	7.00	46.50			687N
Analysis	16.83	4.05	5.04	54.86	11.79	7.43	525W
Youngblood & Sons, J. H., Waco, Texas.							
Youngblood's Ideal Brand Growing Mash	16.00	3.50	6.00	49.00			1892C
Analysis	18.75	4.32	6.17	51.38	9.43	9.95	443W
Youngblood's Ideal Brand Laying Mash	18.50	3.80	6.50	46.50			1892D
Analysis	21.52	4.96	6.14	48.05	10.62	8.71	75W
Youngblood's Ideal Brand Broiler Mash	18.00	3.50	5.50	51.00			1892F
Analysis ⁶⁹¹	19.36	4.40	5.40	53.01	9.35	8.48	307W
Yukon Mill & Grain Company, Yukon, Oklahoma.							
Wheat Gray Shorts	16.50	3.50	6.00	55.00			1026C
Analysis	17.46	4.45	6.20	56.97	10.84	4.08	31K
Analysis ^k	16.70	4.54	5.45	58.00	11.23	4.08	148K
Analysis	17.38	4.44	5.85	56.47	11.90	3.96	94T
Analysis ^k	17.59	4.59	5.90	56.89	11.08	3.95	415T
Yukon's Best Baby Chick Starter	17.00	4.00	5.00	51.00			1026D
Analysis ^k	18.06	5.09	5.43	53.52	10.40	7.45	149K
Analysis ^l	18.58	5.45	5.56	52.78	9.69	7.94	414T
Yukon's Best Laying Mash	19.50	4.00	8.00	45.50			1026M
Analysis ^k	19.82	4.67	6.23	51.70	10.82	6.76	93T
Analysis	19.34	5.00	7.14	51.26	10.63	6.63	187T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁶⁹⁰Deficient in ground oyster shell.⁶⁹¹Excess of ground oyster shell found.

Table 18. Guaranteed Composition and Analyses of Feeds, September 1, 1941, to August 31, 1942—Continued

(The guaranties are printed in italics following the brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Zedler and Sons, C.,							
Luling, Texas.							
Baby Chick Starter	<i>19.00</i>	<i>3.50</i>	<i>6.00</i>	<i>49.00</i>			59F
Analysis	15.80	5.15	5.18	56.90	10.93	6.04	144H
Analysis ⁶⁹²	20.78	4.15	7.19	51.18	10.18	6.52	222H
Analysis	20.58	4.40	7.17	50.62	10.65	6.58	295H
Laying Mash Pellets	<i>20.50</i>	<i>3.50</i>	<i>7.40</i>	<i>44.60</i>			59G
Analysis ⁶⁹³	21.59	5.97	6.30	46.59	8.33	11.22	435H
Laying Mash	<i>20.50</i>	<i>3.50</i>	<i>7.40</i>	<i>44.60</i>			59M
Analysis ⁶⁹⁴	20.72	4.42	6.85	46.94	8.75	12.32	493H
Growing Mash	<i>17.80</i>	<i>3.50</i>	<i>8.00</i>	<i>48.50</i>			59N
Analysis	17.86	4.30	7.43	52.67	10.27	7.47	492H

⁶⁹²Cottonseed meal found, not claimed.⁶⁹³Linseed meal found, not claimed.⁶⁹⁴Excess of salt found.